

# ZNF195 Rabbit pAb

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Catalog # AP54773

## Product Information

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| <b>Application</b>             | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Primary Accession</b>       | <a href="#">O14628</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calculated MW</b>           | 72332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from Human ZNF195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Epitope Specificity</b>     | 521-629/629                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>SUBCELLULAR LOCATION</b>    | Nuclear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Background Descriptions</b> | Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger protein 195 (ZNF195), also known as ZNFP104, is a 629 amino acid member of the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZNF195 is expressed in adult brain, heart, placenta, pancreas and skeletal muscle and in fetal brain, lung and kidney. ZNF195 contains ten C2H2-type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional regulation. Three isoforms of ZNF195 exist as a result of alternative splicing events. |

## Additional Information

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| <b>Gene ID</b>     | 7748                                                                                                                                                                                            |
| <b>Other Names</b> | Zinc finger protein 195, ZNF195, ZNFP104                                                                                                                                                        |
| <b>Dilution</b>    | WB=1:500-2000                                                                                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b>              | ZNF195                                                                                                                                                                   |
| <b>Synonyms</b>          | ZNFP104                                                                                                                                                                  |
| <b>Function</b>          | May be involved in transcriptional regulation.                                                                                                                           |
| <b>Cellular Location</b> | Nucleus.                                                                                                                                                                 |
| <b>Tissue Location</b>   | Expressed in adult heart, brain, placenta, skeletal muscle and pancreas, and in fetal lung, kidney and brain. There is little expression in adult lung, liver and kidney |

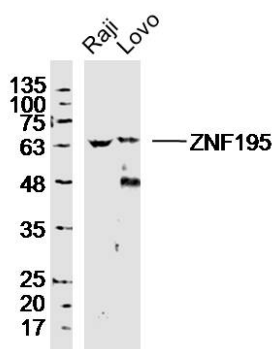
## Background

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## Images

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Sample:

Raji Cell (Human) Lysate at 40 ug

Lovo Cell (Human) Lysate at 40 ug

Primary: Anti-ZNF195 (AP54773) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72 kD

Observed band size: 65 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.