

# KIAA0513 Rabbit pAb

KIAA0513 Rabbit pAb

Catalog # AP56489

## Product Information

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| <b>Application</b>          | WB, IHC-P, IHC-F, IF                                                                                                      |
| <b>Primary Accession</b>    | <a href="#">O60268</a>                                                                                                    |
| <b>Reactivity</b>           | Rat, Mouse                                                                                                                |
| <b>Predicted</b>            | Dog, Human, Horse, Sheep                                                                                                  |
| <b>Host</b>                 | Rabbit                                                                                                                    |
| <b>Clonality</b>            | Polyclonal                                                                                                                |
| <b>Calculated MW</b>        | 46639                                                                                                                     |
| <b>Physical State</b>       | Liquid                                                                                                                    |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human KIAA0513                                                              |
| <b>Epitope Specificity</b>  | 21-100/411                                                                                                                |
| <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> | Cytoplasm.                                                                                                                |
| <b>Important Note</b>       | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 9764                                                                                                                                                                                            |
| <b>Other Names</b> | Uncharacterized protein KIAA0513, KIAA0513                                                                                                                                                      |
| <b>Dilution</b>    | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500                                                                                                                                      |
| <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

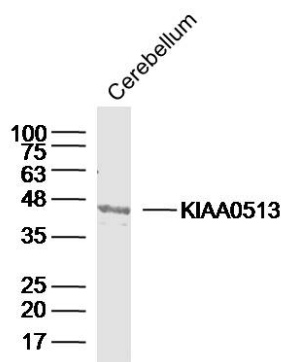
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| <b>Name</b>              | KIAA0513                                                                                                                                                                                                                                                                                         |
| <b>Cellular Location</b> | Cytoplasm.                                                                                                                                                                                                                                                                                       |
| <b>Tissue Location</b>   | Widely expressed, highest levels in cerebellum, brain cortex, hippocampus, pons, putamen and amygdala. Highly expressed in neurons, but also present in glial cells. Slightly higher expression in the dorsolateral prefrontal cortex of schizophrenic patients compared to control individuals. |

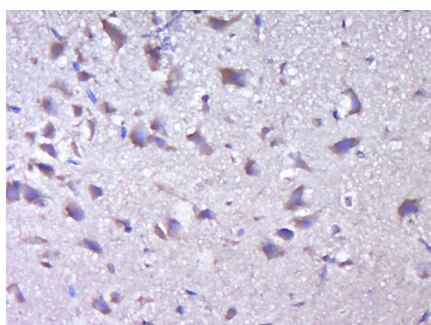
## Background

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## Images



Sample: Cerebellum (Mouse) Lysate at 40 ug  
Primary: Anti-KIAA0513 (AP56489) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47kD  
Observed band size: 47kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain);  
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KIAA0513) Polyclonal Antibody, Unconjugated (AP56489) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

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