

# ZFP100 / ZNF473 Rabbit pAb

ZFP100 / ZNF473 Rabbit pAb

Catalog # AP54791

## Product Information

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| <b>Application</b>             | WB                                                                                                                                                                                                                                                                                      |
| <b>Primary Accession</b>       | <a href="#">Q8WTR7</a>                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>              | Mouse                                                                                                                                                                                                                                                                                   |
| <b>Predicted</b>               | Rat, Dog, Human, Rabbit, Horse                                                                                                                                                                                                                                                          |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                              |
| <b>Calculated MW</b>           | 100182                                                                                                                                                                                                                                                                                  |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human ZFP100/ZNF473                                                                                                                                                                                                                       |
| <b>Epitope Specificity</b>     | 701-830/871                                                                                                                                                                                                                                                                             |
| <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>    | Nucleus. Stable component of Cajal bodies (CBs). Colocalizes with SMN, coilin and U7 snRNA.                                                                                                                                                                                             |
| <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> | Involved in histone 3'-end pre-mRNA processing by associating with U7 snRNP and interacting with SLBP/pre-mRNA complex. Increases histone 3'-end pre-mRNA processing but has no effect on U7 snRNP levels, when overexpressed. Required for cell cycle progression from G1 to S phases. |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 25888                                                                                                                                                                                           |
| <b>Other Names</b> | Zinc finger protein 473, Zinc finger protein 100 homolog, Zfp-100, ZNF473, KIAA1141, ZFP100                                                                                                     |
| <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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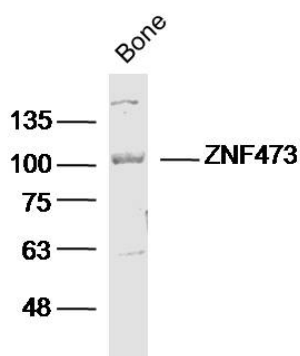
|             |        |
|-------------|--------|
| <b>Name</b> | ZNF473 |
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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>          | KIAA1141, ZFP100                                                                                                                                                                                                                                                                        |
| <b>Function</b>          | Involved in histone 3'-end pre-mRNA processing by associating with U7 snRNP and interacting with SLBP/pre-mRNA complex. Increases histone 3'-end pre-mRNA processing but has no effect on U7 snRNP levels, when overexpressed. Required for cell cycle progression from G1 to S phases. |
| <b>Cellular Location</b> | Nucleus. Note=Stable component of Cajal bodies (CBs). Colocalizes with SMN, coilin and U7 snRNA                                                                                                                                                                                         |

## Background

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## Images



Sample: Bone (mouse) Lysate at 40 ug  
 Primary: Anti- NF473(AP54791) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 100 kD  
 Observed band size: 100 kD

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