

# Ppp1r1a antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11999

## Product Information

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|--------------------------|-------------------------------------------------------|
| <b>Application</b>       | WB                                                    |
| <b>Primary Accession</b> | <a href="#">Q9ERT9</a>                                |
| <b>Other Accession</b>   | <a href="#">NM_021391</a> , <a href="#">NP_067366</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Dog, Bovine                |
| <b>Host</b>              | Rabbit                                                |
| <b>Clonality</b>         | Polyclonal                                            |
| <b>Calculated MW</b>     | 18718                                                 |

## Additional Information

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| <b>Gene ID</b>                      | 58200                                                                                                                                                                                            |
| <b>Alias Symbol</b>                 | 0610038N18Rik, I-1                                                                                                                                                                               |
| <b>Other Names</b>                  | Protein phosphatase 1 regulatory subunit 1A, Protein phosphatase inhibitor 1, I-1, IPP-1, Ppp1r1a                                                                                                |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                |
| <b>Reconstitution &amp; Storage</b> | Add 50 ul of distilled water. Final anti-Ppp1r1a antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| <b>Precautions</b>                  | Ppp1r1a antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

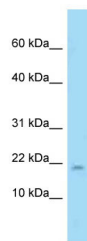
## Protein Information

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | Ppp1r1a                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b> | Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases. |

## Images

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WB Suggested Anti-Ppp1r1a Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Pancreas

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