

PPP1R8

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 38kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PPP1R8

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARD1; ARD-1; NIPP1; NIPP-1; PRO2047;

Catalog #: A6701

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5511

Isotype: IgG

Swiss Prot: Q12972

Purity: Affinity purification

For research use only.

Background:

This gene, through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of E. coli. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA.

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