

## Rabbit MYPT1 Polyclonal Antibody | anti-MYPT1 antibody

MYPT1 Polyclonal Antibody

|                               |                       |                                                |                                                                  |
|-------------------------------|-----------------------|------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA172004</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Monkey</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|------------------------------------------------------------------|

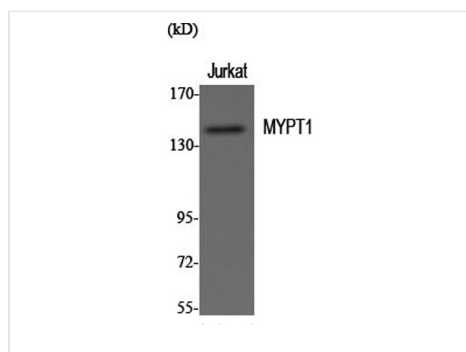
### PRODUCT SYNONYMS

MYPT1; Polyclonal Antibody; MYPT1 Polyclonal Antibody; PPP1R12A; MBS; Protein phosphatase 1 regulatory subunit 12A; Myosin phosphatase-targeting subunit 1; Myosin phosphatase target subunit 1; Protein phosphatase myosin-binding subunit; anti-MYPT1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat, Monkey                                                                 |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Affinity Purification                                                                     |
| Form/Format                                     | Liquid in PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4.                  |
| Sequence Length                                 | 79                                                                                        |
| Applicable Applications for anti-MYPT1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                      |
| Immunogen                                       | Synthesized peptide derived from human MYPT1 around the non-phosphorylation site of T696. |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.                                               |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of Jurkat cells using PPP1R12A Polyclonal Antibody at dilution of 1:2000.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-MYPT1 antibody

Background: Regulates myosin phosphatase activity.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 13365495                                                             |
| NCBI GeneID                      | 17931                                                                |
| UniProt Accession #              | O14974; Q05A74; Q8CBV2; Q99NB6; Q9DBR7                               |
| Molecular Weight                 | Calculated MW: 115<br>Observed MW: 140                               |
| NCBI Official Full Name          | MYPT1, partial                                                       |
| NCBI Official Synonym Full Names | protein phosphatase 1, regulatory (inhibitor) subunit 12A            |
| NCBI Official Symbol             | Ppp1r12a                                                             |
| NCBI Official Synonym Symbols    | Mypt1; AA792106; AV099298; D10Ertd625e; 1200015F06Rik; 5730577I22Rik |
| NCBI Protein Information         | protein phosphatase 1 regulatory subunit 12A                         |
| UniProt Protein Name             | Protein phosphatase 1 regulatory subunit 12A                         |
| UniProt Gene Name                | <b>Ppp1r12a</b>                                                      |
| UniProt Synonym Gene Names       | Mypt1; Myosin phosphatase target subunit 1                           |
| UniProt Entry Name               | MYPT1_MOUSE                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mypt1-antibody-immunohistochemistry-western-blot-elisa/172004>