

## Rabbit anti-Human MPP5/Pals1 Polyclonal Antibody | anti-MPP5/Pals1 antibody

Rabbit anti-MPP5/Pals1 Antibody, Affinity Purified

|                               |                       |                            |                                                          |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|
| CATALOG #<br><b>AAA213242</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunoprecipitation, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|

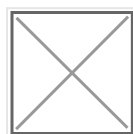
### PRODUCT SYNONYMS

MPP5/Pals1; Polyclonal Antibody; Rabbit anti-MPP5/Pals1 Antibody; Affinity Purified; protein associated with Lin-7 1; stardust; protein associated with lin seven 1; membrane protein; palmitoylated 5 (MAGUK p55 subfamily member 5); MAGUK p55 subfamily member 5; PALS1; membrane palmitoylated protein 5; anti-MPP5/Pals1 antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                    |
| Reactivity                                           | Human                                                                                     |
| Clonality                                            | Polyclonal                                                                                |
| Purity/Purification                                  | Antigen Affinity Purified                                                                 |
| Form/Format                                          | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                        | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-MPP5/Pals1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Predicted Reactivity                                 | Mouse, Orangutan                                                                          |
| Immunogen                                            | Between 600 and 650                                                                       |
| Conjugation                                          | Unconjugated                                                                              |
| Preparation and Storage                              | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human MPP5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MPP5 antibody AAA213242 (lot AAA213242-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IP (Immunoprecipitation)

Detection of human MPP5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MPP5 antibody AAA213242 (lot AAA213242-1) used for IP at 6 ug per reaction. MPP5 was also immunoprecipitated by rabbit anti-MPP5 antibody For blotting immunoprecipitated MPP5, AAA213242 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-MPP5/Pals1 antibody

Membrane palmitoylated protein 5 (MPP5) is a member of the p55-like subfamily of the membrane-associated guanylate kinase (MAGUK) gene superfamily. MPP5 participates in the polarization of differentiating cells, has been shown to regulate myelinating Schwann cells (PMID: 20237282), and is one of the components of the Crumbs complex in the retina. Mice which express lower levels of the orthologous protein have retinal degeneration and impaired vision (PMID: 22114289) [taken from NCBI Entrez Gene (Gene ID: 64398)].

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 38570142                                                                    |
| NCBI GeneID                      | 64398                                                                       |
| NCBI Accession #                 | NP_071919.2                                                                 |
| NCBI GenBank Nucleotide #        | NM_022474.3                                                                 |
| UniProt Accession #              | Q8N3R9; Q7Z631; Q86T98; Q8N7I5; Q9H9Q0; A1L380                              |
| Molecular Weight                 | 73,421 Da                                                                   |
| NCBI Official Full Name          | MAGUK p55 subfamily member 5 isoform 1                                      |
| NCBI Official Synonym Full Names | membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)            |
| NCBI Official Symbol             | MPP5                                                                        |
| NCBI Official Synonym Symbols    | PALS1                                                                       |
| NCBI Protein Information         | MAGUK p55 subfamily member 5; stardust; protein associated with lin seven 1 |
| UniProt Protein Name             | MAGUK p55 subfamily member 5                                                |
| UniProt Gene Name                | <b>MPP5</b>                                                                 |
| UniProt Entry Name               | MPP5_HUMAN                                                                  |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mpp5-pals1-antibody-immunoprecipitation-western-blot-elisa/213242>