

## Rabbit MPP5 Polyclonal Antibody | anti-MPP5 antibody

MPP5 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------|--------------|
| AAA199196 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot |

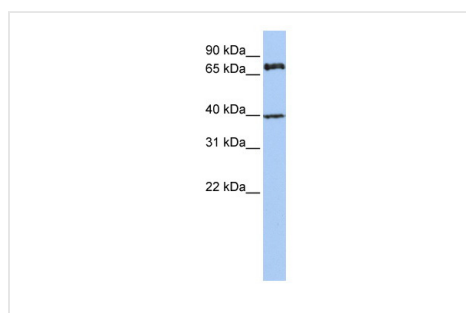
### PRODUCT SYNONYMS

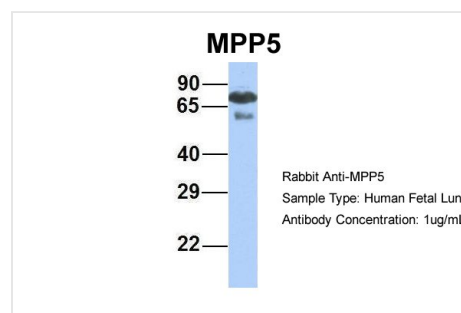
MPP5; Polyclonal Antibody; MPP5 antibody - N-terminal region; anti-MPP5 antibody

### PRODUCT SPECIFICATIONS

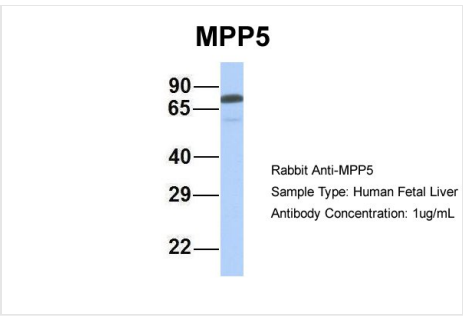
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: AV DCPGDLGTRM MPIRRSAQLE RIRQQQEDMR RRREEEGKKQ ELDLNSSM                                                  |
| Sequence Length                                | 675                                                                                                                                                   |
| Applicable Applications for anti-MPP5 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 80%                                |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human MPP5                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

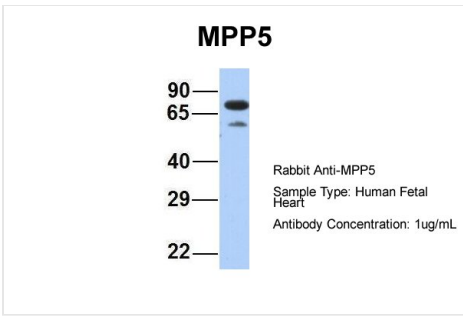
WB Suggested Anti-MPP5 Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:312500  
Positive Control: Jurkat cell lysate

**WB (Western Blot)**

Host: Rabbit  
Target Name: MPP5  
Sample Type: Human Fetal Lung  
Antibody Dilution: 1.0ug/ml



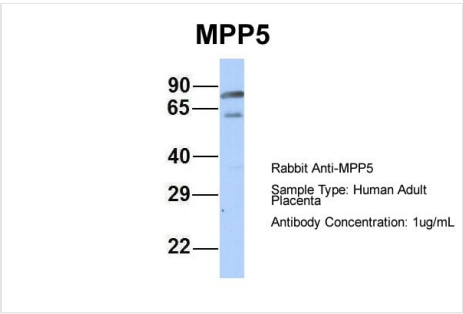
**WB (Western Blot)**

Host: RabbitTarget Name: MPP5Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



**WB (Western Blot)**

Host: RabbitTarget Name: MPP5Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



**WB (Western Blot)**

Host: RabbitTarget Name: MPP5Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

**ADDITIONAL INFORMATION**

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MPP5 antibody | <p>This is a rabbit polyclonal antibody against MPP5. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like, ZO1-like, p55-like, and LIN2-like, based on their size and the presence of additional domains. MPP5 is a member of the p55-like MAGUK subfamily.Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains (Tseng et al., 2001 [PubMed 11311936]). MPP5 is a member of the p55-like MAGUK subfamily.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-MPP5 antibody   | Polyclonal; Membrane & Traffic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**NCBI AND UNIPROT INFORMATION**

|                           |           |
|---------------------------|-----------|
| NCBI GI #                 | 38570142  |
| NCBI GeneID               | 64398     |
| NCBI Accession #          | NP_071919 |
| NCBI GenBank Nucleotide # | NM_022474 |
| UniProt Accession #       | Q8N3R9    |
| Molecular Weight          | 77kDa     |

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI Official Full Name          | MAGUK p55 subfamily member 5 isoform 1 |
| NCBI Official Synonym Full Names | membrane palmitoylated protein 5       |
| NCBI Official Symbol             | MPP5                                   |
| NCBI Official Synonym Symbols    | PALS1                                  |
| NCBI Protein Information         | MAGUK p55 subfamily member 5           |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mpp5-antibody-western-blot-elisa/199196>