

## Rabbit anti-Human, Mouse Membrane Protein Polyclonal Antibody | anti-MPP5 antibody

Polyclonal Antibody to Membrane Protein, Palmitoylated 5 (MPP5)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                   |
|-----------|--------|--------------|----------------------------------------------------------------|
| AAA142117 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

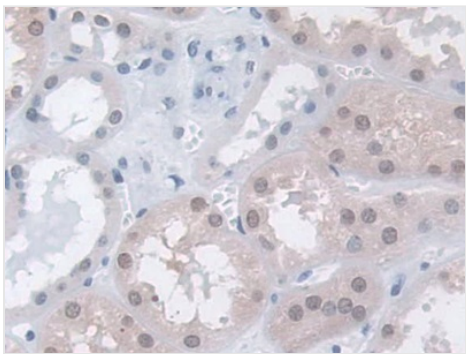
### PRODUCT SYNONYMS

Membrane Protein; Polyclonal Antibody; Polyclonal Antibody to Membrane Protein; Palmitoylated 5 (MPP5); anti-MPP5 antibody

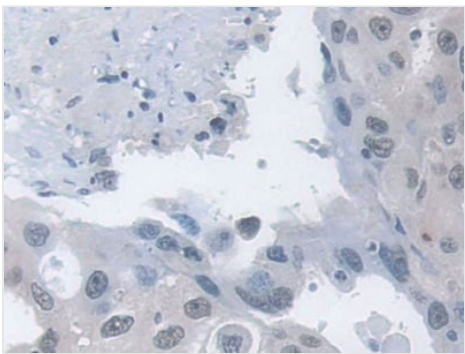
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against MPP5. It has been selected for its ability to recognize MPP5 in immunohistochemical staining and western blotting.                                                                                                                                                                                                            |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-NDDYDNEE ILTYEEMSLY HQPANRKRPI<br>ILIGPQNCGQ NELRQRLMNK EKDRFASAVP HTTRSRRDQE VAGRDYHFVS RQAFEADIAA GKFIHGEFE<br>KNLYGTSIDS VRQVINSKI CLLSLRTQSL KTLRNSDLKP YIIFIAPPSQ ERLRALLAKE GKNPKPEELR<br>EIIKTRME QNNGHYFDTA IVNSDLDK |
| Sequence Length                                | 230                                                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-MPP5 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                           |
| Fragment                                       | MPP5 (Asn455~Arg675)                                                                                                                                                                                                                                                                                                                                                                      |
| Organism Species                               | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                      |
| Cross Reactivity                               | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                                      | Recombinant MPP5 (Asn455~Arg675) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                    |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                             |

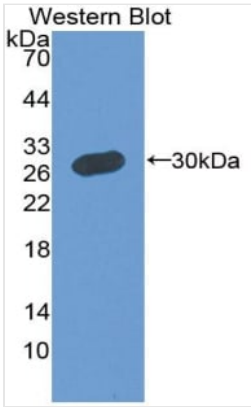
IMAGES



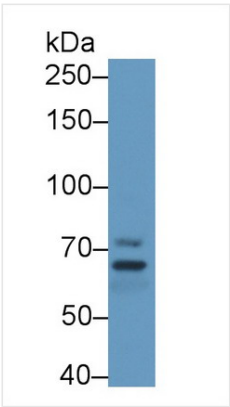
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)  
DAB staining on formalin fixed paraffin-embedded Brain tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.



WB (Western Blot)  
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Human MPP5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 375065852                                      |
| NCBI GeneID                      | 64398                                          |
| NCBI Accession #                 | NP_001243479.1                                 |
| NCBI GenBank Nucleotide #        | NM_001256550.1                                 |
| UniProt Accession #              | Q8N3R9; Q7Z631; Q86T98; Q8N7I5; Q9H9Q0; A1L380 |
| Molecular Weight                 | 73,421 Da                                      |
| NCBI Official Full Name          | MAGUK p55 subfamily member 5 isoform 2         |
| 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                | MPP5                                           |

**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.

