

## Product datasheet for **TA337785**

### MPP7 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MPP7 antibody: synthetic peptide directed towards the N terminal of human MPP7. Synthetic peptide located within the following region: MPALSTGSGSDTGLYELLAALPAQLQPHVDSQEDLTFLWDMFGEKSLHSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	membrane palmitoylated protein 7
Database Link:	<a href="#">NP_775767</a> <a href="#">Entrez Gene 143098 Human</a> <a href="#">Q5T2T1</a>



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**Background:**

MPP7 acts as an important adapter that promotes epithelial cell polarity and tight junction formation via its interaction with DLG1. MPP7 is involved in the assembly of protein complexes at sites of cell-cell contact. Membrane-associated guanylate kinases (MAGUKs) are important adaptor proteins involved in the assembly of protein complexes at sites of cell-cell contact. They are found in synapses, adherens junctions, and tight junctions. All MAGUKs contain at least 1 PDZ domain, an SH3 domain, and a GUK domain, and many contain 1 or 2 L27 domains, which are involved in multimerization of MAGUKs. MPP7 belongs to the p55 stardust subfamily of MAGUKs, which is named for a Drosophila gene required for establishment of cell polarity in the developing fly embryo (Bohl et al., 2007 [PubMed 17237226]). [supplied by OMIM]

**Synonyms:**

RP11-218D6.5

**Note:**

Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Dog: 93%

**Protein Families:**

Druggable Genome

**Product images:**

WB Suggested Anti-MPP7 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: HT1080 cell lysate