

bs-13737R**[Primary Antibody]****MPP7 Rabbit pAb**

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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 143098**SWISS:** Q5T2T1**Target:** MPP7**Immunogen:** KLH conjugated synthetic peptide derived from human MPP7: 301-400/576.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The MAGUK (membrane-associated guanylate kinase homologs) family of proteins contain multiple protein-binding domains and are involved in cell junction organization, tumor suppression, and signaling. The MAGUK family is divided into four subfamilies: DLG-like, ZO1-like, p55-like and LIN2-like. MPP7 (MAGUK p55 subfamily member 7), also known as palmitoylated membrane protein 7, is a 576 amino acid protein that belongs to the MAGUK family and assists in the assembly of protein complexes. A peripheral membrane protein that exists as a heterodimer, MPP7 enhances tight junction formation and epithelial cell polarity. MPP7 contains one SH3 domain, a guanylate kinase-like domain, two L27 domains and a single PDZ (DHR) domain. The gene encoding MPP7 maps to human chromosome 10p11.23

Applications: IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

ICC/IF (1:100-500)

ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)**Predicted MW.:** 65 kDa**Subcellular Location:** Cell membrane