



Rabbit Anti-MPP2 antibody

SL13689R

Product Name:	MPP2
Chinese Name:	MPP2蛋白抗体
Alias:	D11BWG0652E; Discs Large Homolog 2; DLG2; DLGH2; Homolog of DLG A tumor suppressor; MAGUK p55 Subfamily Member 2; Membrane Protein Palmitoylated 2; MPP2 HUMAN; PALS4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	62 kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MPP2:351-450/576
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MPP2 (Palmitoylated membrane protein 2) is a member of a family of membrane associated proteins termed MAGUKs (membrane associated guanylate kinase homologs). These proteins interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. MPP2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate

with the cytoskeleton and are suspected to play important roles in signal transduction.

Subcellular Location:

Cell Membrane; integral membrane protein

Similarity:

Belongs to the MAGUK family.

Contains 1 guanylate kinase-like domain.

Contains 2 L27 domains.

Contains 1 PDZ (DHR) domain.

Contains 1 SH3 domain.

SWISS:

Q14168

Gene ID:

4355

Database links:

[Entrez Gene: 4355](#) Human

[Entrez Gene: 50997](#) Mouse

[Entrez Gene: 85275](#) Rat

[Omim: 600723](#) Human

[SwissProt: Q14168](#) Human

[SwissProt: Q9WV34](#) Mouse

[Unigene: 514208](#) Human

[Unigene: 36242](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.