

MPP2 Polyclonal Antibody

Catalog NumberPA5-21841

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1:500-1:3,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 11 and 261 of MPP2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.47 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, H1299, HeLa, HepG2, mouse brain. Predicted reactivity: Mouse (98%), Rat (98%), Bovine (98%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

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. MPP2 (membrane protein, palmitoylated 2), also known as MAGUK p55 subfamily member 2, discs large homolog 2 or DLG2, is a 576 amino acid protein belonging to the MAGUK family that exists as three alternatively spliced isoforms. MPP2 contains one guanylate kinase-like domain, a PDZ (DHR) domain, two L27 domains and a single SH3 domain. The gene encoding MPP2 maps to the same segment of human chromosome 17 as MPP3, with whom MPP2 likely shares similar function and common structural organization.

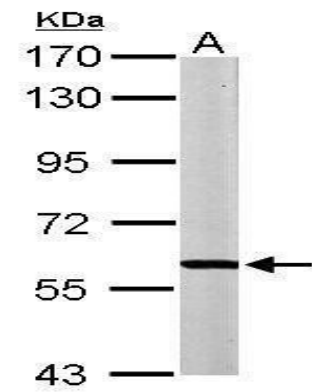
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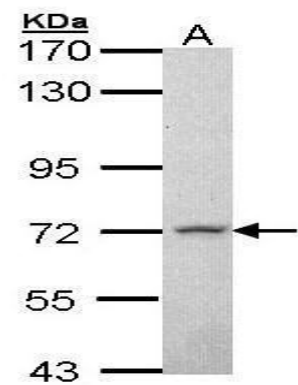
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Product Images For MPP2 Polyclonal Antibody



**MPP2 Antibody (PA5-21841) in WB**  
Western Blot using MPP2 Polyclonal Antibody (Product # PA5-21841). Sample (50 µg of whole cell lysate). Lane A: Mouse brain . 7.5% SDS PAGE. MPP2 Polyclonal Antibody (Product # PA5-21841) diluted at 1:1,000.



**MPP2 Antibody (PA5-21841) in WB**  
Western Blot using MPP2 Polyclonal Antibody (Product # PA5-21841). Sample (30 µg of whole cell lysate). Lane A: H1299 . 7.5% SDS PAGE. MPP2 Polyclonal Antibody (Product # PA5-21841) diluted at 1:1,000.

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