

Datasheet for ABIN6143966
anti-MPP1 antibody (AA 1-270)



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1 Image

Overview

Quantity:	100 µL
Target:	MPP1
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human MPP1 (NP_002427.1).
Sequence:	MTLKASEGES GGSMTALSD LYLEHLLQKR SRPEAVSHPL NTVTEDMYTN GSPAPGSPAQ VKGQEVKVR LIQFEKVTEE PMGITLKLNE KQSCTVARIL HGGMIHRQGS LHVGDILEI NGTNVTNHSV DQLQKAMKET KGMISLKVIP NQSRPALQ MFMRAQFDYD PKKDNLIPCK EAGLK FATGD IIQIINKDDS NWWQGRVEGS SKESAGLIPS PELQEW RVAS MAQSAPSEAP SCSPFGKKKK YKDKYLAKHS SIFDQLDVVS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MPP1
Alternative Name:	MPP1 (MPP1 Products)
Background:	<p>This gene encodes the prototype of the membrane-associated guanylate kinase (MAGUK) family proteins. MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intercellular junctions. The encoded protein is an extensively palmitoylated membrane phosphoprotein containing a PDZ domain, a Src homology 3 (SH3) motif, and a guanylate kinase domain. This gene product interacts with various cytoskeletal proteins and cell junctional proteins in different tissue and cell types, and may be involved in the regulation of cell shape, hair cell development, neural patterning of the retina, and apico-basal polarity and tumor suppression pathways in non-erythroid cells. Multiple transcript variants encoding different isoforms have been found for this gene.,MPP1,AAG12,DXS552E,EMP55,MRG1,PEMP,Signal Transduction,Cardiovascular,Blood,MPP1</p>

Molecular Weight: 49 kDa/52 kDa

Gene ID: 4354

UniProt: [Q00013](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

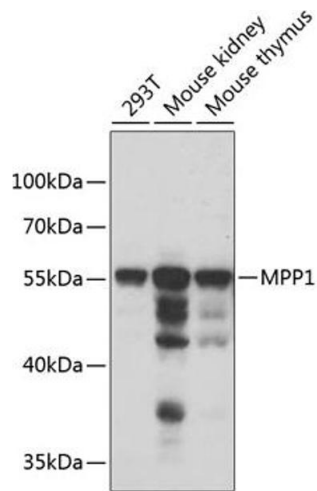
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MPP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.