

Datasheet for ABIN654665

## anti-MPP1 antibody (AA 301-327)



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### 4 Images

#### Overview

Quantity:	400 µL
Target:	MPP1
Binding Specificity:	AA 301-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPP1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This MPP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 301-327 amino acids from the Central region of human MPP1.
Clone:	RB24290
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	MPP1
Alternative Name:	MPP1 ( <a href="#">MPP1 Products</a> )

## Target Details

**Background:** 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.

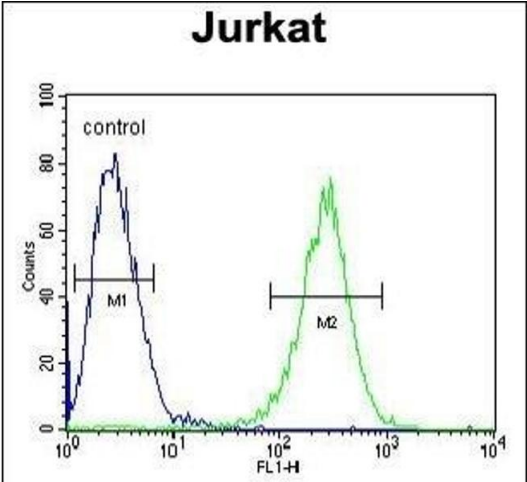
Molecular Weight:	52296
Gene ID:	4354
NCBI Accession:	<a href="#">NP_001159932</a> , <a href="#">NP_001159933</a> , <a href="#">NP_001159934</a> , <a href="#">NP_002427</a>
UniProt:	<a href="#">Q00013</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

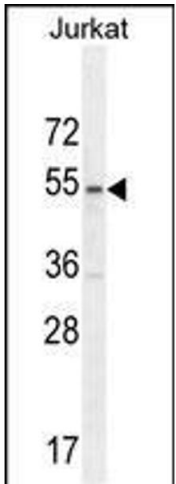
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



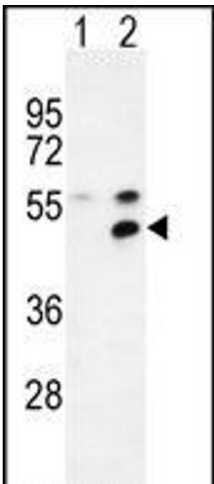
### Flow Cytometry

**Image 1.** P1 Antibody (Center) (ABIN654665 and ABIN2844361) flow cytometric analysis of Jurkat cells (right histogram) coated to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** P1 Antibody (Center) (ABIN654665 and ABIN2844361) western blot analysis in Jurkat cell line lysates (35  $\mu$ g/lane). This demonstrates the P1 antibody detected the P1 protein (arrow).



### Western Blotting

**Image 3.** Western blot analysis of P1 (arrow) using rabbit polyclonal P1 Antibody (Center) (ABIN654665 and ABIN2844361). 293 cell lysates (2  $\mu$ g/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the P1 gene.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN654665.