

For Research Use Only

# MPP4 Polyclonal antibody

Catalog Number: 25538-1-AP



## Basic Information

### Catalog Number:

25538-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22235

### GenBank Accession Number:

BC132785

### GeneID (NCBI):

58538

### UNIPROT ID:

Q96JB8

### Full Name:

membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)

### Calculated MW:

630 aa, 72 kDa

### Observed MW:

73 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB : mouse retina tissue,

## Background Information

MPP4 (Membrane protein palmitoylated 4), also named as DLG6, belongs to the MAGUK family which interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. MPP4 is a retina-specific scaffolding protein that plays an important role in signal transmission at the photoreceptor synapse (PMID: 18955048).

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

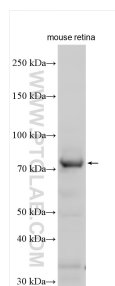
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## Selected Validation Data



mouse retina tissue was subjected to SDS PAGE followed by western blot with 25538-1-AP (MPP4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.