

#### MPP6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9201c

### **Specification**

### MPP6 Antibody (Center) - Product Information

Application FC, WB,E
Primary Accession On Other Accession OglkB0

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Antigen Region 360-388

### MPP6 Antibody (Center) - Additional Information

#### **Gene ID 51678**

#### **Other Names**

MAGUK p55 subfamily member 6, Veli-associated MAGUK 1, VAM-1, MPP6, VAM1

# **Target/Specificity**

This MPP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 360-388 amino acids from the Central region of human MPP6.

#### **Dilution**

FC~~1:10~50 WB~~1:1000

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

MPP6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### MPP6 Antibody (Center) - Protein Information

Name PALS2 (<u>HGNC:18167</u>)

Synonyms MPP6, VAM1



**Cellular Location** 

Membrane; Peripheral membrane protein

**Tissue Location** 

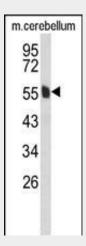
Abundant in testis, brain, and kidney with lower levels detectable in other tissues

## MPP6 Antibody (Center) - Protocols

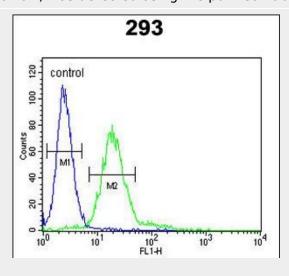
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## MPP6 Antibody (Center) - Images



Western blot analysis of MPP6 Antibody (Center) (Cat. #AP9201c) in mouse cerebellum tissue lysates (35ug/lane). MPP6 (arrow) was detected using the purified Pab.





MPP6 Antibody (Center) (Cat. #AP9201c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## MPP6 Antibody (Center) - Background

Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains. MPP6 is a member of the p55-like MAGUK subfamily.

# MPP6 Antibody (Center) - References

Scheel, A.K., et.al., Ann. Rheum. Dis. 65 (5), 595-600 (2006)

Rush, J., et.al., Nat. Biotechnol. 23 (1), 94-101 (2005)

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