

MPP6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9201c

Product Information

Application	WB, FC, E
Primary Accession	Q9NZW5
Other Accession	Q9JLB0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17454
Calculated MW	61117
Antigen Region	360-388

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

Protein Information

Name	PALS2 (HGNC:18167)
Synonyms	MPP6, VAM1
Cellular Location	Membrane; Peripheral membrane protein

Tissue Location

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

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.

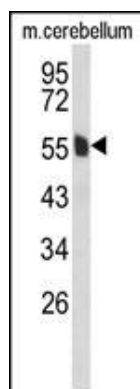
References

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

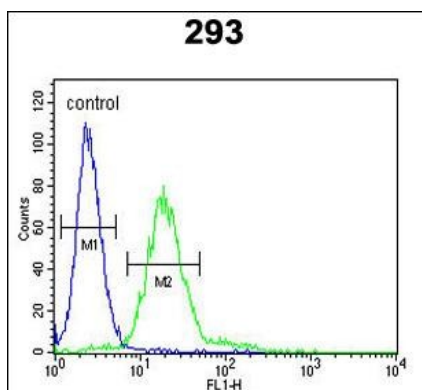
Rush,J., et.al., Nat. Biotechnol. 23 (1), 94-101 (2005)

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.