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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
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
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

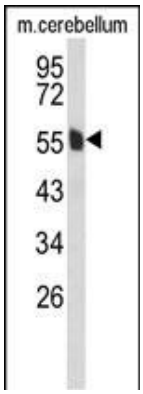
Background

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.

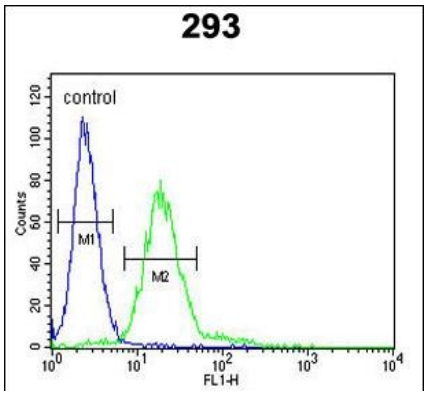
References

Scheel,A.K., et.al., Ann. Rheum. Dis. 65 (5), 595-600 (2006)
Rush,J., et.al., Nat. Biotechnol. 23 (1), 94-101 (2005)
Rush,J., et.al., Nat. Biotechnol. 23 (1), 94-101 (2005)

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'.