

For Research Use Only

MPDZ/MUPP1 Polyclonal antibody

Catalog Number:22583-1-AP



Basic Information

Catalog Number: 22583-1-AP	GenBank Accession Number: BC140793	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 8777	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	UNIPROT ID: O75970	
Immunogen Catalog Number: AG18222	Full Name: multiple PDZ domain protein	
	Calculated MW: 2070 aa, 222 kDa	
	Observed MW: 250 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, SK-N-SH cells, U-87 MG cells
Species Specificity: human	

Background Information

The PDZ domain is a protein motif that mediates protein-protein interactions. MUPP1(multi-PDZ domain protein-1) has 13 PDZ domains, each containing the structural characteristics of a prototypic PDZ motif, but lacks a catalytic domain. MUPP1 belongs to the PDZ domain protein family and is a structural homologant of PATJ (PALS1-associated tight-linking protein) (PMID: 23880463). MUPP1 is a scaffold protein and plays an important role in cytoskeletal organization, cell polarity, and cell proliferation(PMID: 25662616). Mutations in MUPP1 are associated with congenital hydrocephalus(PMID: 23240096).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

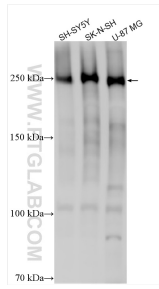
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22583-1-AP (MUPP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.