

For Research Use Only

MUPP1 Polyclonal antibody, PBS Only

Catalog Number: 22583-1-PBS



Basic Information

Catalog Number:

22583-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18222

GenBank Accession Number:

BC140793

GeneID (NCBI):

8777

UNIPROT ID:

O75970

Full Name:

multiple PDZ domain protein

Calculated MW:

2070 aa, 222 kDa

Observed MW:

250 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

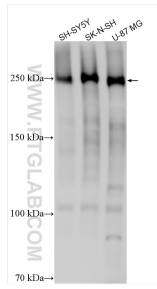
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 22583-1-PBS in a different storage buffer formulation.