

For Research Use Only

MPDZ/MUPP1 Polyclonal antibody, PBS Only

Catalog Number: 22583-1-PBS



Basic Information

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|---|--|--|
| Catalog Number: 22583-1-PBS | GenBank Accession Number: BC140793 | Purification Method: Antigen affinity purification |
| Source: Rabbit | GeneID (NCBI): 8777 | |
| 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, 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

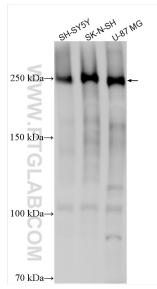
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Selected Validation Data



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