

For Research Use Only

PDZD8 Polyclonal antibody

Catalog Number: 25512-1-AP **1 Publications**



Basic Information

| | | |
|---|--|--|
| Catalog Number: 25512-1-AP | GenBank Accession Number: BC028375 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 700 µg/ml by Nanodrop; | GeneID (NCBI): 118987 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q8NEN9 | |
| Isotype: IgG | Full Name: PDZ domain containing 8 | |
| Immunogen Catalog Number: AG21914 | Calculated MW: 1154 aa, 129 kDa | |
| | Observed MW: 150-160 kDa | |

Applications

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|--|--|
| Tested Applications: WB, ELISA | Positive Controls: WB : HCT 116 cells, HEK-293 cells, HeLa cells |
| Cited Applications: IF | |
| Species Specificity: human | |
| Cited Species: human | |

Background Information

PDZD8 (PDZ domain containing 8) is an SMP (synaptotagmin-like mitochondrial-lipid-binding) domain-containing protein belonging to the tubular lipid-binding protein (TULIP) superfamily of lipid transfer proteins (PMID: 37961523). PDZD8 is an integral ER transmembrane protein present at ER-mitochondria contacts (PMID: 29097544). It is involved in regulating ER-mitochondria associations, mitochondrial calcium ion homeostasis, and lipid transport between the ER and late endosomes/lysosomes (PMID: 37247681; 29097544; 33912962).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|---------|-------------|
| Zheng Yang | 38405790 | bioRxiv | IF |

Storage

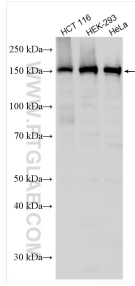
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 25512-1-AP (PDZD8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.