

For Research Use Only

PDZD8 Polyclonal antibody

Catalog Number: 25512-1-AP

3 Publications



Basic Information

Catalog Number:

25512-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21914

GenBank Accession Number:

BC028375

GeneID (NCBI):

118987

UNIPROT ID:

Q8NEN9

Full Name:

PDZ domain containing 8

Calculated MW:

1154 aa, 129 kDa

Observed MW:

150-160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HCT 116 cells, HEK-293 cells, HeLa cells

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
Isshin Shiiba	39929810	Nat Commun	WB
Zheng Yang	39162343	ACS Synth Biol	IF
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

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

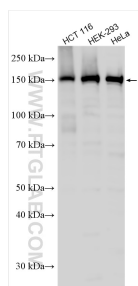
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.