

For Research Use Only

# PDZD8 Polyclonal antibody

Catalog Number: 25512-1-AP

3 Publications



## Basic Information

Catalog Number:

25512-1-AP

Concentration:

700 µg/ml

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

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

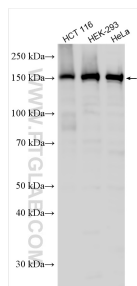
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@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.