

For Research Use Only

VLDLR Polyclonal antibody

Catalog Number: 19493-1-AP **8 Publications**



Basic Information

Catalog Number:

19493-1-AP

Size:

1200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003383

GeneID (NCBI):

7436

UNIPROT ID:

P98155

Full Name:

very low density lipoprotein receptor

Calculated MW:

96 kDa

Observed MW:

96 kDa, 160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, zebrafish

Positive Controls:

WB : MCF-7 cells, mouse ovary tissue

Background Information

VLDLR binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. VLDLR binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation (cytoplasmic domain of low-density lipoprotein receptor). For glycosylated, the MW of VLDLR migrates to ~160kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Rui Guo	36313120	Front Nutr	WB
Xue Wu	31632274	Front Pharmacol	WB
Limin Liu	35108315	PLoS One	WB

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

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

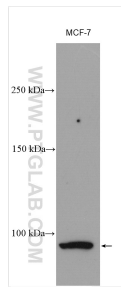
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 19493-1-AP (VLDLR antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.