

For Research Use Only

MPZL1 Polyclonal antibody

Catalog Number: 29784-1-AP



Basic Information

Catalog Number:

29784-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31532

GenBank Accession Number:

BC007881

GeneID (NCBI):

9019

UNIPROT ID:

O95297

Full Name:

myelin protein zero-like 1

Calculated MW:

29 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, HEK-293 cells, human placenta tissue, mouse kidney tissue, mouse liver tissue, rat kidney tissue, rat liver tissue

Background Information

Myelin protein zero-like 1 (MPZL1, also known as PZR) is a transmembrane glycoprotein that promotes the migration of hepatocellular carcinoma cells and is involved in extracellular matrix-induced signal transduction (PMID: 16702974; 8912526). Phosphorylated MPZL1 was linked to the regulation of cell adhesion and migration (PMID: 24296779; 18378677; 12410637). The expression levels of MPZL1 were also associated with malignant features of ovarian cancer (PMID: 31233194).

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:

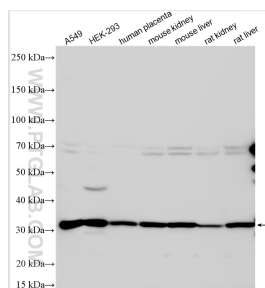
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E: proteintech@ptglab.com

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 29784-1-AP (MPZL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.