

For Research Use Only

MPZL1 Polyclonal antibody

Catalog Number: 29784-1-AP



Basic Information

Catalog Number:

29784-1-AP

Size:

700 ug/ml

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

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

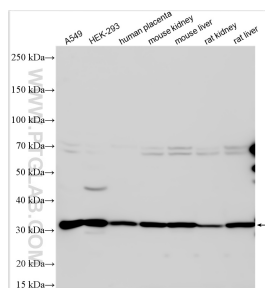
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Selected Validation Data



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.