

For Research Use Only

ORMDL3 Polyclonal antibody

Catalog Number: 27598-1-AP



Basic Information

Catalog Number:

27598-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26253

GenBank Accession Number:

BC071833

GeneID (NCBI):

94103

UNIPROT ID:

Q8N138

Full Name:

ORM1-like 3 (S. cerevisiae)

Calculated MW:

153 aa, 17 kDa

Observed MW:

17 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 : HepG2 cells, L02 cells, mouse testis tissue, rat testis tissue

Background Information

ORMDL3 (ORM1-like 3) is an endoplasmic-reticulum (ER)-resident transmembrane protein that negatively regulates serine palmitoyl-transferase (SPT), the first and rate-limiting enzyme of de-novo sphingolipid biosynthesis, thereby controlling cellular ceramide levels. (PMID: 31376405)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

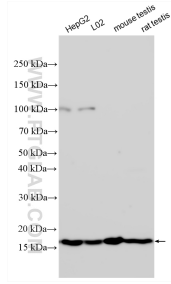
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27598-1-AP (ORMDL3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.