For Research Use Only

ORMDL3 Polyclonal antibody, PBS Only

Catalog Number:27598-1-PBS

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Basic Information

Catalog Number:
27598-1-PBS

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

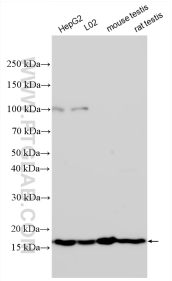
Background Information

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

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. This data was developed using the same antibody clone with 27598-1-PBS in a different storage buffer formulation.