

For Research Use Only

# ORM1/2 Polyclonal antibody, PBS Only

Catalog Number: 11199-1-PBS



## Basic Information

Catalog Number:

11199-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1667

GenBank Accession Number:

BC015964

GeneID (NCBI):

5005

UNIPROT ID:

P19652

Full Name:

orosomuroid 2

Calculated MW:

24 kDa

Observed MW:

24-28 kDa, 41-47 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

ORM2, also named as AGP2 and OMD 2, belongs to the calycin superfamily and Lipocalin family. It functions as transport protein in the blood stream. ORM2 binds various hydrophobic ligands in the interior of its beta-barrel domain. It also binds synthetic drugs and influences their distribution and availability. ORM2 appears to function in modulating the activity of the immune system during the acute-phase reaction. ORM2 is one of the conserved endoplasmic reticulum membrane proteins which regulating lipid homeostasis and protein quality control. This antibody can recognize both ORM1 and ORM2.

## 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

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

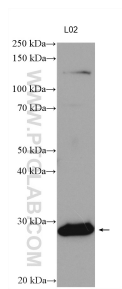
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

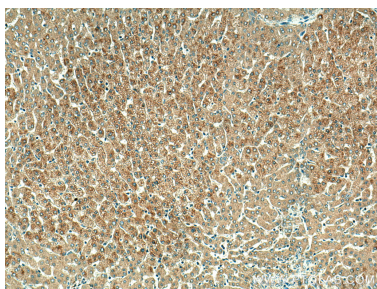
W: [ptgcn.com](http://ptgcn.com)

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

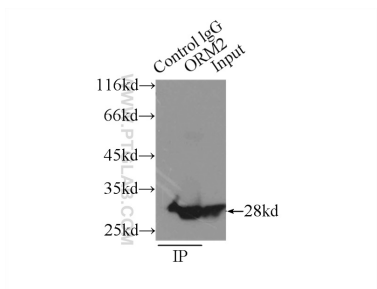
## Selected Validation Data



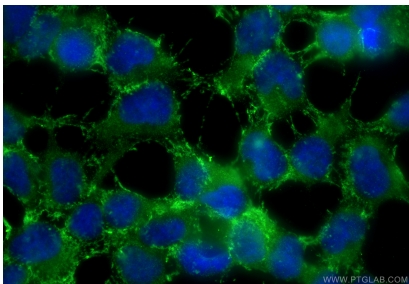
L02 cells were subjected to SDS PAGE followed by western blot with 11199-1-AP (ORM2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11199-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11199-1-AP (ORM1/2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11199-1-PBS in a different storage buffer formulation.



IP result of anti-ORM1/2 (IP:11199-1-AP, 3ug; Detection:11199-1-AP 1:800) with L02 cells lysate 2500ug. This data was developed using the same antibody clone with 11199-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using ORM1/2 antibody (11199-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 11199-1-PBS in a different storage buffer formulation.