

For Research Use Only

# ORM1/2 Polyclonal antibody, PBS Only

Catalog Number:11199-1-PBS



## Basic Information

<b>Catalog Number:</b> 11199-1-PBS	<b>GenBank Accession Number:</b> BC015964	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5005	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P19652	
<b>Isotype:</b> IgG	<b>Full Name:</b> orosomucoid 2	
<b>Immunogen Catalog Number:</b> AG1667	<b>Calculated MW:</b> 24 kDa	
	<b>Observed MW:</b> 24-28 kDa, 41-47 kDa	

## 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

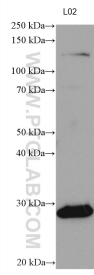
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

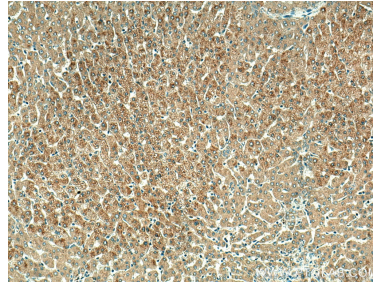
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

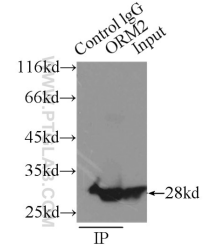
## Selected Validation Data



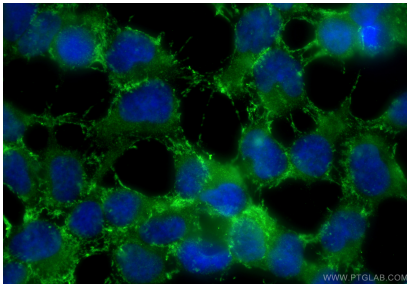
L02 cells were subjected to SDS PAGE followed by western blot with 11199-1-AP (ORM2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11199-1-PBS in a different storage buffer formulation.



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.