

ORM2 Polyclonal Antibody

Catalog number: 11199-1-AP

Size: 67 µg/150 µl

Source: Rabbit

Isotype: IgG

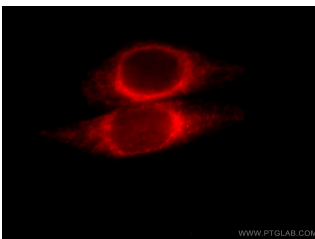
Synonyms:

ORM2; AGP 2, AGP B, AGP B',

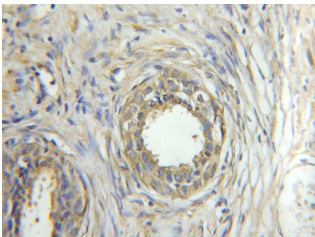
AGP2, Alpha 1 acid

glycoprotein 2, OMD 2, ORM2,

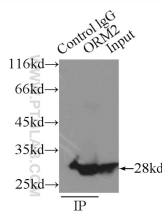
orosomuroid 2



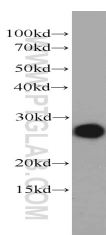
Immunofluorescent analysis of HeLa cells, using ORM2 antibody 11199-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human prostate cancer using 11199-1-AP(ORM2 antibody) at dilution of 1:50 (under 10x lens)



IP Result of anti-ORM2 (IP:11199-1-AP, 3µg; Detection:11199-1-AP 1:800) with L02 cells lysate 2500µg.



A549 cells were subjected to SDS PAGE followed by

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated ORM2 MW:	24 kDa
Observed ORM2 MW:	24-28 kDa
Positive WB detected in	A549 cells, L02 cells, mouse liver tissue
Positive IP detected in	L02 cells
Positive IHC detected in	Human prostate cancer tissue
Positive IF detected in	Hela cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1667
GenBank accession number:	BC015964
Gene ID (NCBI):	5005
Full name:	Orosomuroid 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

western blot with 11199-1-
AP(ORM2 antibody) at
dilution of 1:800