

Allgemeine Informationen

Katalog-Nr.: 66097-1-Ig	GenBank-Zugangsnummer: BC026238	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1200 µg/ml von5004 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: orosomuroid 1	CloneNo.: 5F2H7
Wirt: Maus	Berechnete Masse: 201 aa, 24 kDa	Empfohlene Verdünnungen: WB 1:2000-1:20000 IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG1	Beobachtete Masse: 40-47 kDa	
Immunogen Katalognummer: AG19248		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : humanes Plasmagewebe, HuH-7-Zellen, humanes Hodengewebe IHC : humanes Leberkarzinomgewebe, humanes Lebergewebe IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Alpha-1-acid glycoprotein 1 (AGP1), also called orosomuroid-1 (ORM1), is a glycoprotein synthesized mostly by hepatocytes and present in human plasma. ORM1 is an acute-phase reactant protein controlled by glucocorticoids, interleukin-1 and interleukin-6, and increase up to 5-50 times upon infection and/or inflammation. Anti-apoptotic effect and role as immunomodulator of ORM have been reported. ORM is an important carrier for synthetic drugs and influences their distribution and availability in the body. This antibody recognizes a band about 44 kDa in human plasma which may be due to the glycosylation of ORM1 or the dimer formation of the protein. This antibody recognizes both ORM1 and ORM2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Luo Qiong	34654351	Bioengineered	WB

Lagerung

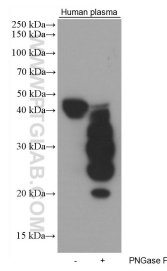
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

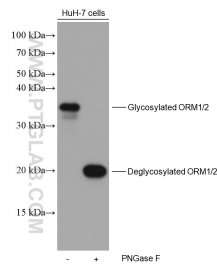
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

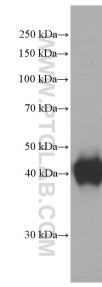
Ausgewählte Validierungsdaten



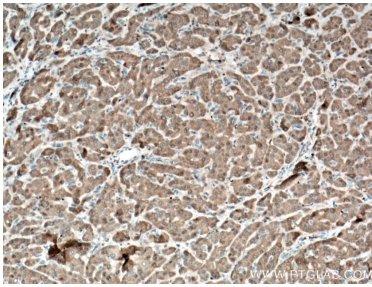
Untreated and PNGase F-treated lysates of human plasma were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



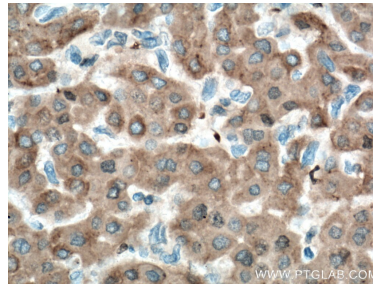
Untreated and PNGase F-treated lysates of HuH-7 cells were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



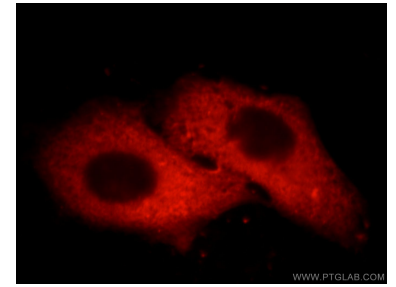
0.8μL human plasma were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



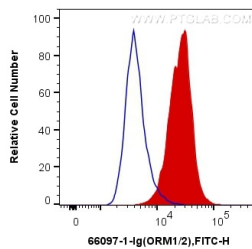
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of () fixed HepG2 cells using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:25.



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human ORM1/2 (66097-1-Ig, Clone:5F2H7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).