

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ORM1



Numéro de catalogue: 16439-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:
16439-1-AP

Taille:
150ul, Concentration: 900 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9758

Numéro d'acquisition GenBank:
BC026238

Identification du gène (NCBI):
5004

Nom complet:
orosomucoïd 1

MW calculé
201 aa, 24 kDa

MW observés:
40-47 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
FC, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu hépatique de souris, tissu vésical de souris

IP : tissu plasmatique humain,

IHC : tissu hépatique humain, tissu de cancer du foie humain

Informations générales

Alpha-1-acid glycoprotein 1 (AGP1), also called orosomucoïd-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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mehrpouya B Mobin	27665711	Nat Commun	WB
Bing Zhou	36050503	Nat Metab	WB
Luo Qiong	34654351	Bioengineered	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

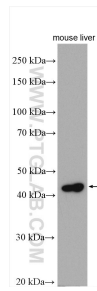
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

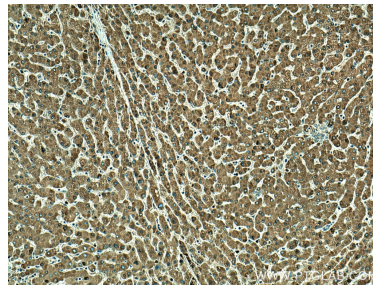
E: proteintech@ptglab.com
W: ptglab.com

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

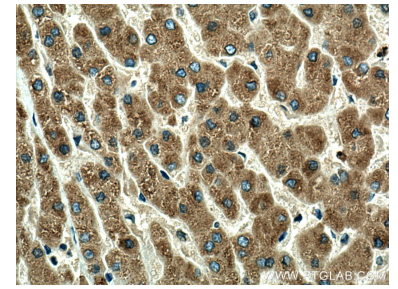
Données de validation sélectionnées



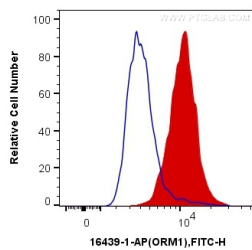
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16439-1-AP (ORM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



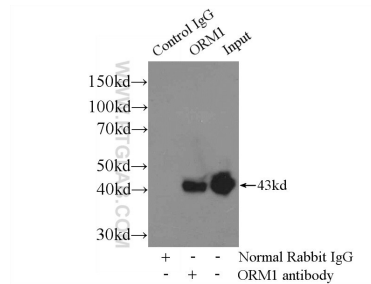
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16439-1-AP (ORM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16439-1-AP (ORM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human ORM1 (16439-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP Result of anti-ORM1 (IP:16439-1-AP, 3ug; Detection:16439-1-AP 1:300) with human plasma lysate 100ug.