À des fins de recherche uniquement

Anticorps Monoclonal anti-ASGR1

Numéro de catalogue:66692-1-Ig Phare

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Informations de base

Numéro de catalogue:
66692-1-Ig

Taille:
150ul , Concentration: 1800 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG2310

Numéro d'acquisition GenBank:
BC032130

Identification du gène (NCBI):
432

Nom complet:
asialoglycoprotein receptor 1

MW calculé
291 aa, 33 kDa

MW observés:
42-46 kDa

Méthode de purification:
Purification par protéine G

CloneNo.:
1G5F5

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:500-1:2000
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, WB, ELISA

Spécificité de l'espèce:
Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HuH-7, cellules HepG2, cellules HSC-T6, cellules L02, hépatocytes de souris, tissu hépatique de porc

IHC : tissu hépatique humain,

IF : tissu hépatique de souris,

Informations générales

Asialoglycoprotein receptor (ASGPR), also known as the hepatic galactose/N-acetylglucosamine (GlcNAc) receptor or Ashwell receptor, is a C-type lectin expressed exclusively in hepatic parenchymal cells. ASGPR consists of two subunits, a major subunit (ASGR1, HL-1) and a minor subunit (ASGR2, HL-2), and specifically recognizes terminal β-linked galactose or GlcNAc on circulating glycoproteins or cells. This receptor plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins that contain terminal galactose or GlcNAc residues. ASGPR may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery.

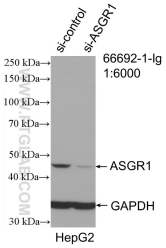
Stockage

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

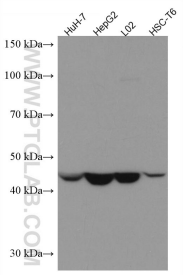
***** Les 20ul contiennent 0,1% de BSA.**

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

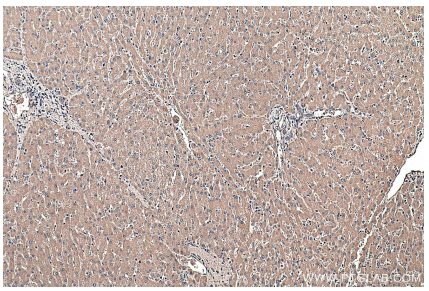
Données de validation sélectionnées



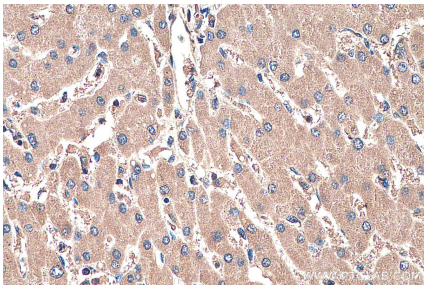
WB result of ASGR1 antibody (66692-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ASGR1 transfected HepG2 cells.



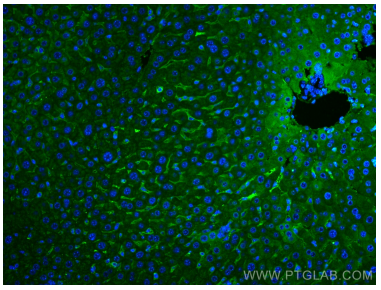
Various lysates were subjected to SDS PAGE followed by western blot with 66692-1-Ig (ASGR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66692-1-Ig (ASGR1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66692-1-Ig (ASGR1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using ASGR1 antibody (66692-1-Ig, Clone: 1G5F5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).