

Product datasheet

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ARG58283 anti-ASGR2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes ASGR2

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name ASGR2
Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 21-54 (N-terminus) of Human ASGR2.

Conjugation Un-conjugated

Alternate Names ASGPR 2; Hepatic lectin H2; HL-2; Asialoglycoprotein receptor 2; ASGPR2; HBXBP; CLEC4H2; ASGP-R2; C-

type lectin domain family 4 member H2; ASGP-R 2

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide.

Preservative 0.09% (W/V) Sodium azide.

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol ASGR2

Gene Full Name asialoglycoprotein receptor 2

Background This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane

protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq,

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Function Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their

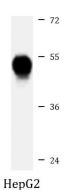
complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then

returns to the cell membrane surface. [UniProt]

Calculated Mw 35 kDa

Cellular Localization Membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG58283 anti-ASGR2 antibody WB image

Western blot: 20 μg of HepG2 cell lysate stained with ARG58283 anti-ASGR2 antibody at 1:1000 dilution.