

ARG57352 anti-ASGR1 / Asialoglycoprotein Receptor 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASGR1 / Asialoglycoprotein Receptor 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASGR1 / Asialoglycoprotein Receptor 1
Species	Human
Immunogen	Recombinant Protein of Human ASGR1 / Asialoglycoprotein Receptor 1.
Conjugation	Un-conjugated
Alternate Names	ASGPR 1; HL-1; ASGPR; C-type lectin domain family 4 member H1; ASGPR1; Asialoglycoprotein receptor 1; Hepatic lectin H1; CLEC4H1; ASGP-R 1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat lung	

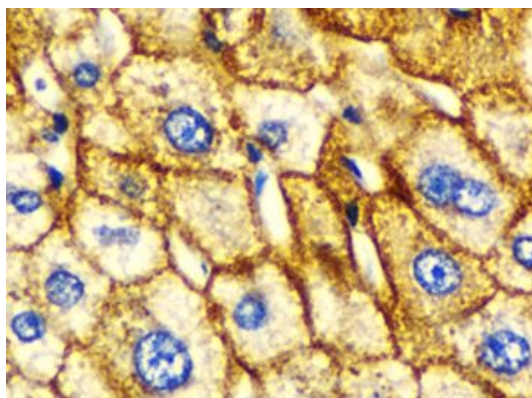
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

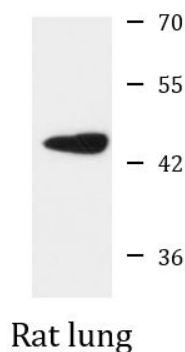
Gene Symbol	ASGR1
Gene Full Name	asialoglycoprotein receptor 1
Background	This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins 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 more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
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	33 kDa
PTM	Phosphorylated on a cytoplasmic Ser residue.

Images



ARG57352 anti-ASGR1 / Asialoglycoprotein Receptor 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver injury stained with ARG57352 anti-ASGR1 / Asialoglycoprotein Receptor 1 antibody at 1:100 dilution.



ARG57352 anti-ASGR1 / Asialoglycoprotein Receptor 1 antibody WB image

Western blot: Rat lung lysate stained with ARG57352 anti-ASGR1 / Asialoglycoprotein Receptor 1 antibody.