

Anti-ASGR1 / ASGPR Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17276

Product Information

Application	WB, IHC-P, E
Primary Accession	P07306
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	33186
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	432
Alias Symbol	ASGR1
Other Names	ASGR1, ASGPR1, ASGPR, ASGPR 1, Asialoglycoprotein receptor 1, Hepatic lectin H1, HL-1, ASGP-R 1, CLEC4H1
Target/Specificity	Human ASGR1 / ASGPR.
Reconstitution & Storage	PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Precautions	Anti-ASGR1 / ASGPR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

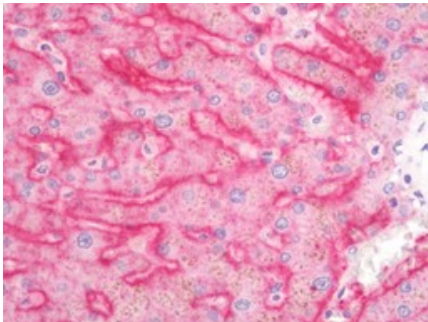
Name	ASGR1
Synonyms	CLEC4H1
Function	Transmembrane protein predominantly expressed on hepatocytes that plays a key role in endocytosis of plasma glycoproteins that lack terminal sialic acid residues. Specifically recognizes terminal galactose and N-acetylgalactosamine residues, facilitating the clearance of desialylated glycoproteins from circulation. Plays thereby a role in a variety of physiological processes, such as removal of desialylated platelets, elimination of activated lymphocytes and maintenance of serum glycoprotein homeostasis (PubMed: 25485912). Plays a role in the removal of desialylated platelets by activating a feedback loop regulating thrombopoietin (TPO) expression via the JAK2- STAT3 signaling pathway (PubMed: 25485912).

Contributes also to recognition and elimination of activated lymphocytes by hepatocytes that can act as cytotoxic effectors (PubMed:[21656538](#)). May also play a physiological role in the regulatory network of lipid homeostasis (By similarity). Upon ligand binding, the receptor-ligand complex is internalized and trafficked to a sorting organelle, where dissociation occurs. The receptor is then recycled back to the cell surface.

Cellular Location [Isoform H1a]: Cell membrane; Single-pass type II membrane protein

Tissue Location Expressed exclusively in hepatic parenchymal cells.

Images



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.