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ASGR2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21183a

Product Information

Application	WB, E
Primary Accession	P07307
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB47471
Calculated MW	35092

Additional Information

Gene ID	433
Other Names	Asialoglycoprotein receptor 2, ASGP-R 2, ASGPR 2, C-type lectin domain family 4 member H2, Hepatic lectin H2, HL-2, ASGR2, CLEC4H2
Target/Specificity	This ASGR2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-54 amino acids from the N-terminal region of human ASGR2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ASGR2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ASGR2
Synonyms	CLEC4H2
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.
Cellular Location	Membrane; Single-pass type II membrane protein.
Tissue Location	Expressed exclusively in hepatic parenchymal cells.

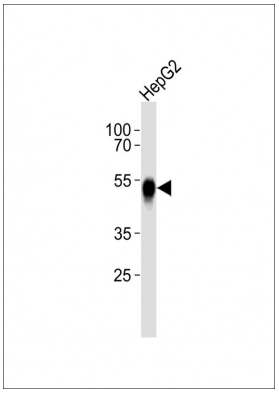
Background

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.

References

Spiess M.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:6465-6469(1985).
Paietta E.,et al.Hepatology 15:395-402(1992).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Pan H.,et al.Genomics 77:58-64(2001).

Images



Anti-ASGR2 Antibody (N-term) at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 35 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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