

Rabbit anti-Human ASGR2 Polyclonal Antibody | anti-ASGR2 antibody

Anti-ASGR2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258913	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

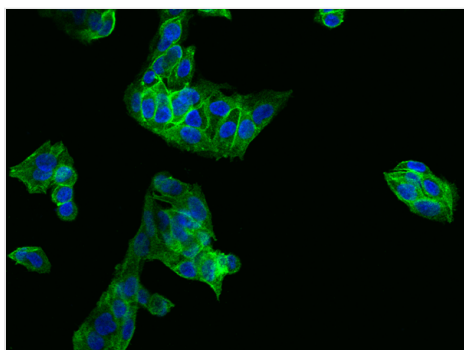
PRODUCT SYNONYMS

ASGR2; Polyclonal Antibody; Anti-ASGR2 Antibody; Rabbit Polyclonal; asialoglycoprotein receptor 2; Anti-ASGP-R2 Antibody; Anti-ASGPR2 Antibody; Anti-CLEC4H2 Antibody; Anti-HBXPB Antibody; Anti-HL-2 Antibody; anti-ASGR2 antibody

PRODUCT SPECIFICATIONS

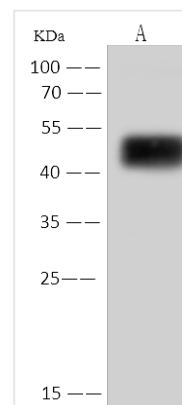
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ASGR2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ASGR2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant Human ASGR2 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human ASGR2 (rh ASGR2). ASGR2 specific IgG was purified by Human ASGR2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of His-ASGR2 in HepG2 cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human His-ASGR2 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cell membrane.



WB (Western Blot)

Anti-ASGR2 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 35 kDa Observed band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ASGR2 antibody	ASGR2 is a subunit of the asialoglycoprotein receptor. Asialoglycoprotein receptor, also known as the Ashwell receptor, which is specific for desialylated (galactosyl-terminal) glycoproteins and is expressed exclusively in hepatic parenchymal cells. 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. ASGR2 is a glycoprotein. 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. ASGR2 is the less abundant minor subunit.
References	Davila S, et al. (2010) New genetic associations detected in a host response study to hepatitis B vaccine. <i>Genes Immun.</i> 11(3):232-8. Zhang X, et al. (2011) Asialoglycoprotein receptor interacts with the preS1 domain of hepatitis B virus in vivo and in vitro. <i>Arch Virol.</i> 156(4):637-45. Guy CS, et al. (2011) Hepatocyte cytotoxicity is facilitated by asialoglycoprotein receptor. <i>Hepatology.</i> 54(3):1043-50.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/asgr2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/258913>