

Product datasheet

Anti-ASGR2 antibody ab231539

6 Images

Overview

Product name	Anti-ASGR2 antibody
Description	Rabbit polyclonal to ASGR2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Cow, Human
Immunogen	<p>Recombinant full length protein (His-T7-tag) corresponding to Human ASGR2 aa 1-311. Expressed in E.coli.</p> <p>Sequence:</p> <p>MAKDFQDIQQLSSEENDHPFHQGE GPGTRRLNPRRGNPF LKGPPPAQPLA QRLCSMVCF SLLALSFNILLLVICVTGSQSEGHGAQLQ AELRSLKEAF SNFSSSTL TEVQAISTHGG SVGDKITSLGAKLEKQQQDLK ADHDALLFHL KHFPVDLRFVACQMELLHSNGSQRTCCPVN WVEHQGSC YWFSHSGKAWAE AEKYCQLENAHLV VINSWEEQKFMQHTNPFNTWIGLTDS DGSWKWVDGT DYRHNYKNWAVTQPDNWHGHELGGSEDCVEVQPDGRW NDDFCLQVYRWVC EKRRNATGEVA</p> <p>Database link: P07307</p>

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control	WB: Recombinant human ASGR2; human serum and urine; cow liver lysate. IHC-P: Human liver tissue.
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General notes	<p>Previously labelled as Asialoglycoprotein Receptor 2.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™</p>
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guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231539** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 35 kDa.

Target

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.

Tissue specificity Expressed exclusively in hepatic parenchymal cells.

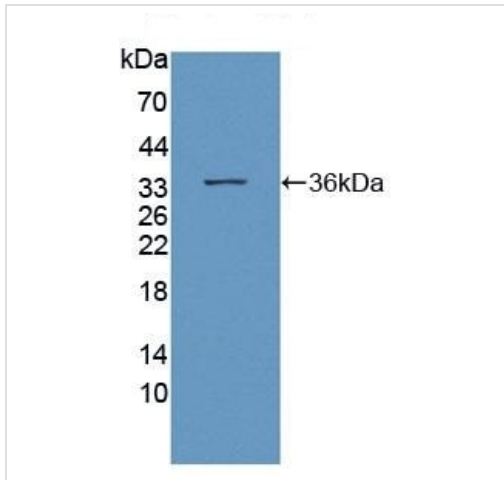
Sequence similarities

Contains 1 C-type lectin domain.

Cellular localization

Membrane.

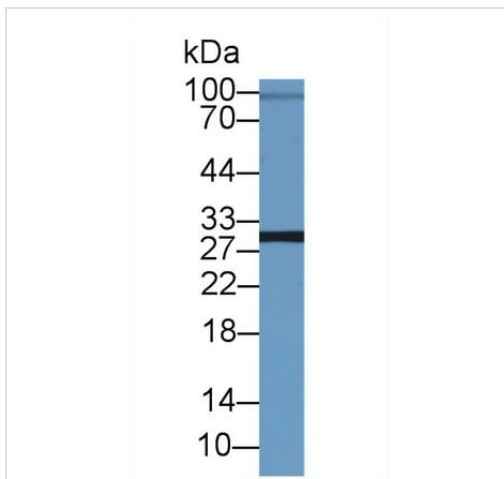
Images



Anti-ASGR2 antibody (ab231539) at 2 µg/ml + Recombinant human ASGR2

Predicted band size: 35 kDa

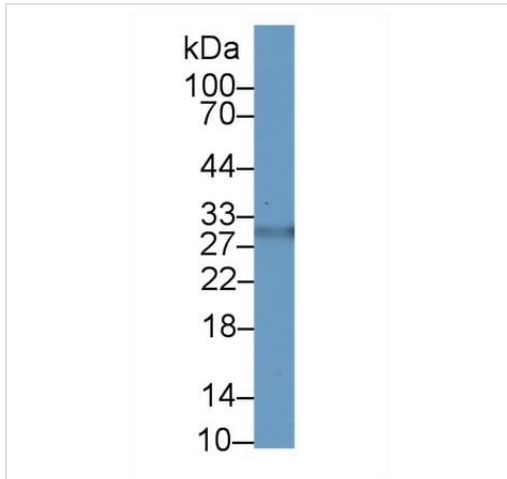
Western blot - Anti-ASGR2 antibody (ab231539)



Anti-ASGR2 antibody (ab231539) at 1 µg/ml + Human serum

Predicted band size: 35 kDa

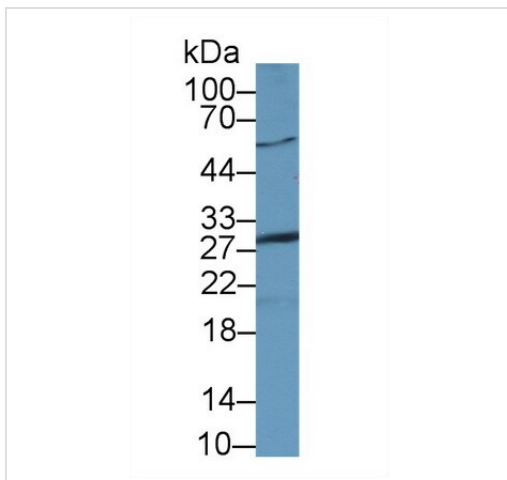
Western blot - Anti-ASGR2 antibody (ab231539)



Western blot - Anti-ASGR2 antibody (ab231539)

Anti-ASGR2 antibody (ab231539) at 1 µg/ml + Human urine

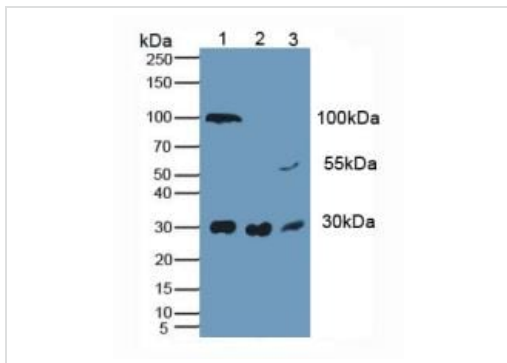
Predicted band size: 35 kDa



Western blot - Anti-ASGR2 antibody (ab231539)

Anti-ASGR2 antibody (ab231539) at 1 µg/ml + Cow liver lysate

Predicted band size: 35 kDa



Western blot - Anti-ASGR2 antibody (ab231539)

All lanes : Anti-ASGR2 antibody (ab231539) at 1 µg/ml

Lane 1 : Human serum

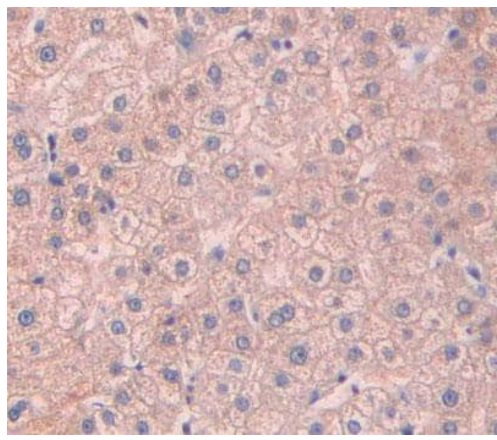
Lane 2 : Human urine

Lane 3 : Cow liver lysate

Secondary

All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

Predicted band size: 35 kDa



Formalin-fixed, paraffin-embedded human liver tissue stained for ASGR2 using ab231539 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASGR2 antibody (ab231539)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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