

Datasheet for ABIN2778140

anti-Fetuin A antibody (N-Term)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µL
Target:	Fetuin A (AHSG)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Guinea Pig, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fetuin A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AHSG
Sequence:	AQLWGCHSAP HGPGLIYRQP NCDDPETEEA ALVAIDYINQ NLPWGYKHTL
Predicted Reactivity:	Dog: 86%, Guinea Pig: 91%, Horse: 79%, Human: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against AHSG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	AHSG (AHSG Products)

Target Details

Background:	Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. However, its exact significance is still obscure. Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure. Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: A2HS, AHS, FETUA, HSGA Protein Interaction Partner: SUMO1, UBC, NEDD8, ATF2, ALB, VKORC1, PPP5C, FBXO2, PSMA3, GRB2, CDC42, Mad2I1, Smad3, Hsd17b7, RRAS2, INSR, DCN, Protein Size: 367
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Molecular Weight:	39 kDa
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Gene ID:	197
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NCBI Accession:	NM_001622 , NP_001613
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UniProt:	P02765
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 367 AA
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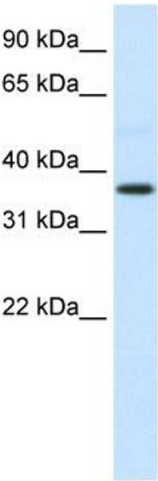
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Edvardsson Rasmussen, Lundström, Eriksson, Rask-Andersen, Liu, Laurell: "The Acute Effects of Furosemide on Na-K-Cl Cotransporter-1, Fetuin-A and Pigment Epithelium-Derived Factor in the Guinea Pig Cochlea." in: Frontiers in molecular neuroscience, Vol. 15, pp. 842132, (2022) (PubMed). Hu, Lausted, Yoo, Yan, Brightman, Chen, Wang, Bu, Hood: "Quantitative liver-specific protein fingerprint in blood: a signature for hepatotoxicity." in: Theranostics, Vol. 4, Issue 2, pp. 215-28, (2014) (PubMed). Gil-Dones, Darde, Alonso-Orgaz, Lopez-Almodovar, Mourino-Alvarez, Padial, Vivanco, Barderas: "Inside human aortic stenosis: a proteomic analysis of plasma." in: Journal of proteomics, Vol. 75, Issue 5, pp. 1639-53, (2012) (PubMed).
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Western Blotting

Image 1. WB Suggested Anti-AHSG Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Liver