

Rabbit AHSG Polyclonal Antibody | anti-AHSG antibody

AHSG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326294	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

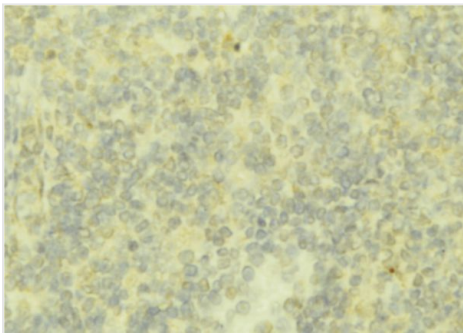
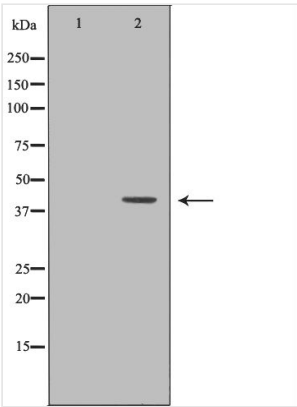
PRODUCT SYNONYMS

AHSG; Polyclonal Antibody; AHSG Antibody; 59 kDa bone sialic acid-containing protein; A2HS; Aa2-066; AHS; Ahsg alpha-2-HS-glycoprotein; Ahsg; Alpha 2 HS Glycoprotein; Alpha 2 Z globulin; Alpha-2-HS-glycoprotein; Alpha-2-HS-glycoprotein chain B; Alpha-2-Z-globulin; Asialofetuin; Ba alpha 2 glycoprotein; Ba-alpha-2-glycoprotein; BSP; Countertrytin; Fetua; FETUA_HUMAN; Fetuin; mouse; homolog of; Fetuin A; Fetuin-A; Glycoprotein PP63; HSGA; pp63; anti-AHSG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AHSG antibody detects endogenous levels of total AHSG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-AHSG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AHSG
Subcellular Location	Secreted.
Tissue Specificity	Synthesized in liver and selectively concentrated in bone matrix. Secreted in plasma. It is also found in dentin in much higher quantities than other plasma proteins.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326294 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Mouse liver tissue lysates, using AHSG Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-AHSG antibody

Description: 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. [provided by RefSeq, Jul 2008]

Function: Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.

Subunit Structure: Alpha-2-HS glycoprotein derives from this precursor, when the connecting peptide is cleaved off. The two chains A and B are held together by a single disulfide bond.

Post-translational Modifications: Phosphorylated by FAM20C in the extracellular medium. O- and N-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. N-glycan at Asn-156: Hex5HexNAc4; N-glycan heterogeneity at Asn-176: Hex5HexNAc4 (major) and Hex6HexNAc5 (minor).

Similarity: Belongs to the fetuin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156523970
NCBI GeneID	197
NCBI Accession #	NP_001613.2
NCBI GenBank Nucleotide #	NM_001622.3
UniProt Accession #	P02765; O14961; O14962; Q9P152; A8K9N6; B2R7G1
Molecular Weight	Observed: 39 kDa Predicted: 40 kDa
NCBI Official Full Name	alpha-2-HS-glycoprotein isoform 2 preproprotein
NCBI Official Synonym Full Names	alpha 2-HS glycoprotein
NCBI Official Symbol	AHSG
NCBI Official Synonym Symbols	AHS; A2HS; HSGA; APMR1; FETUA
NCBI Protein Information	alpha-2-HS-glycoprotein
UniProt Protein Name	Alpha-2-HS-glycoprotein
UniProt Gene Name	AHSG

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ahsg-antibody-immunohistochemistry-western-blot-elisa/326294>