AHSG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AHSG, Polyclonal Antibody
Full Product Name	AHSG (Alpha-2-HS-Glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A, FETUA, PRO2743) (MaxLight 405)
Product Gene Name	anti-AHSG antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human AHSG.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human AHSG, aa1-367 (AAH48198.1).
Immunogen Sequence	MKSLVLLLCLAQLWGCHSAPHGPGLIYRQPNCDDPETEEAALVAIDYINQNLPWGYKHTLNQIDEVKVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCS
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-AHSG antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-AHSG antibody	Western Blot (WB)
Application Notes for anti-AHSG antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-AHSG antibody	Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide However, its exact significance is still obscure.
Other Notes	Small volumes of anti-AHSG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for AHSG purchase	MBS6369137 is an antibody targeting AHSG. Also known as AHSG (Alpha-2-HS-Glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A,

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AHSG. It may not necessarily be applicable to this product.

NCBI GI #	29387000
NCBI GeneID	197
NCBI Accession #	AAH48198.1
UniProt Related Accession #	P02765
GenBank Nucleotide #	NM_001622
NCBI Official Full Name	Alpha-2-HS-glycoprotein
NCBI Official Synonym Full Names	alpha 2-HS glycoprotein
NCBI Official Symbol	AHSG
NCBI Official Synonym Symbols	AHS; A2HS; HSGA; APMR1; FETUA
Protein Family	Alpha-2-HS-glycoprotein
NCBI Protein Information	alpha-2-HS-glycoprotein
NCBI Summary for AHSG	The protein encoded by this gene is a negatively-charged serum glycoprotein that is synthesized by hepatocytes. The encoded protein consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several processes, including endocytosis, brain development, and the formation of bone tissue. Defects in this gene are a cause of susceptibility to leanness. [provided by RefSeq, Aug 2017]
Research Articles on AHSG	**1.** Data found that the abundance of fetuin-A was upregulated at mRNA and protein levels in placental samples of pregnant women with gestational diabetes mellitus (GDM). Fetuin-A inhibited placental cell growth by inducing apoptosis and inhibiting S phase entry. Furthermore, fetuin-A inhibited autophagy blocking the growth of the primary cilium, a cellular antenna that regulates placenta development and differentiation.
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