

Anti-Fetuin A Antibody

Catalog # ABO12254

Product Information

Application	WB, IHC-P, E
Primary Accession	P02765
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Alpha-2-HS-glycoprotein(AHSG) detection. Tested with WB, IHC-P, ELISA in Human;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	197
Other Names	Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A, Alpha-2-HS-glycoprotein chain A, Alpha-2-HS-glycoprotein chain B, AHSG, FETUA
Calculated MW	39341
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat ELISA , 0.1-0.5 µg/ml, Human, - Western blot, 0.1-0.5 µg/ml, Human, Rat
Subcellular Localization	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.
Source	Eukaryota
Protein Name	Alpha-2-HS-glycoprotein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Fetuin A (33-65aa DDPETEEAALVAIDYINQNLPGYKHTLNQIDE), different from the related mouse and rat sequences by thirteen amino acids.

Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the fetuin family.

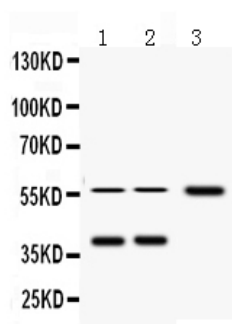
Protein Information

Name	AHSG
Synonyms	FETUA
Function	Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.
Cellular Location	Secreted.
Tissue Location	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

Background

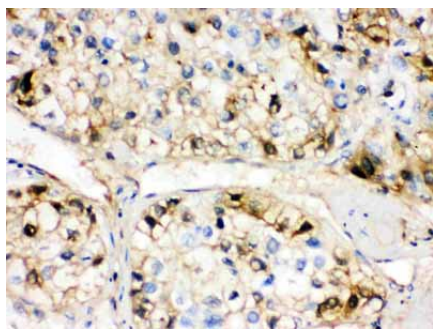
Alpha-2-HS-glycoprotein (AHSG), also known as fetuin-A, is a protein that in humans is encoded by the AHSG gene. Fetuin-A belongs to the fetuin class of plasma binding proteins and is more abundant in fetal than adult blood. Its gene is mapped to 3q27. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue.

Images



Anti- Fetuin A Picoband antibody, ABO12254, Western blotting
 All lanes: Anti Fetuin A (ABO12254) at 0.5ug/ml
 Lane 1: Rat Brain Tissue Lysate at 50ug
 Lane 2: RH35 Whole Cell Lysate at 40ug
 Lane 3: MCF-7 Whole Cell Lysate at 40ug
 Predicted bind size: 39KD
 Observed bind size: 39KD, 58KD

Anti- Fetuin A Picoband antibody, ABO12254,
 IHC(P)
 IHC(P): Human Liver Cancer Tissue



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.