

Anti-Fetuin A Picoband Antibody

Catalog # ABO11933

Product Information

Application	WB
Primary Accession	P29699
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Alpha-2-HS-glycoprotein(AHSG) detection. Tested with WB in Mouse.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	11625
Other Names	Alpha-2-HS-glycoprotein, Countertrypsin, Fetuin-A, Ahsg, Fetua
Calculated MW	37326
Application Details	Western blot, 0.1-0.5 µg/ml, Mouse
Subcellular Localization	Secreted.
Tissue Specificity	Liver is the major site of synthesis, but fetuin is also expressed in limb buds and other extrahepatic tissues during development.
Source	Eukaryota
Protein Name	Alpha-2-HS-glycoprotein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived mouse Fetuin A recombinant protein (Position: A19-I345). Mouse Fetuin A shares 57% and 85% amino acid (aa) sequence identity with human and rat Fetuin A, respectively.
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	Probably involved in differentiation.
Cellular Location	Secreted.
Tissue Location	Liver is the major site of synthesis, but fetuin is also expressed in limb buds and other extrahepatic tissues during development

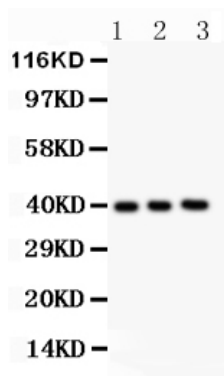
Background

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. This gene is mapped to 3q27. Fetuin-A is a secreted partially phosphorylated glycoprotein with complex proeolytic processing that circulates in blood and extracellular fluids. 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. Fetuin-A is also a potent inhibitor of pathological calcification.

Images



Anti- Fetuin A antibody, ABO11933, Western blottingAll lanes: Anti FetuinA (ABO11933) at 0.5ug/mlWB: Recombinant Mouse FetuinA Protein 0.5ngPredicted bind size: 37KDObserved bind size: 37KD



Anti- Fetuin A antibody, ABO11933, Western blottingAll lanes: Anti FetuinA (ABO11933) at 0.5ug/mlLane 1: NIH3T3 Whole Cell Lysate at 40ugLane 2: NEURO Whole Cell Lysate at 40ugLane 3: Mouse Brain Tissue Lysate at 50ugPredicted bind size: 39KDObserved bind size: 39KD

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