

Anti-Fetuin A Picoband Antibody
Catalog # ABO11933**Specification****Anti-Fetuin A Picoband Antibody - 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.

Anti-Fetuin A Picoband Antibody - Additional Information**Gene ID** 11625**Other Names**

Alpha-2-HS-glycoprotein, Countertrypin, Fetuin-A, Ahsg, Fetua

Calculated MW

37326 MW KDa

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.

Protein Name

Alpha-2-HS-glycoprotein

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

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 r° Constitution, 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.

Anti-Fetuin A Picoband Antibody - Protein Information

Name Ahsg

Synonyms Fetua

Function

Probably involved in differentiation.

Cellular Location

Secreted.

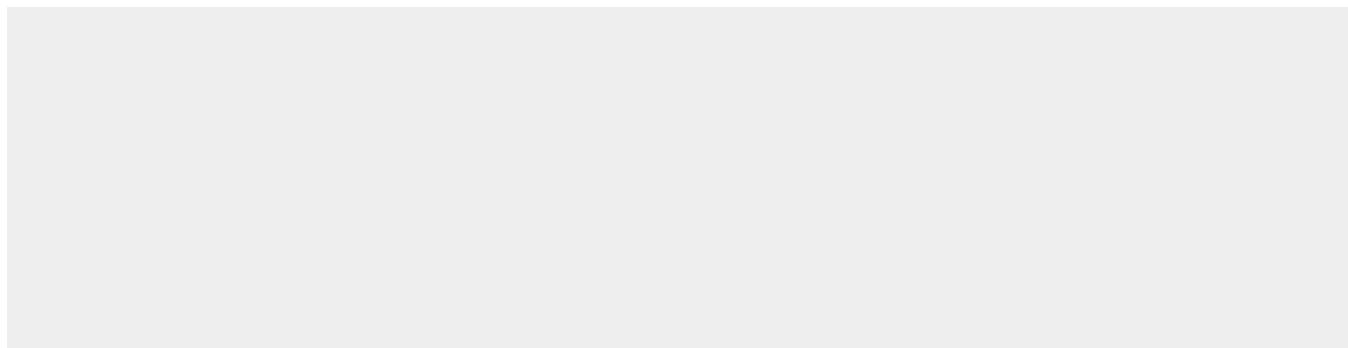
Tissue Location

Liver is the major site of synthesis, but fetuin is also expressed in limb buds and other extrahepatic tissues during development

Anti-Fetuin A Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Fetuin A Picoband Antibody - Images

97KD -
58KD -
40KD -
29KD -
20KD -
14KD -

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

1 2 3
116KD -
97KD -
58KD -
40KD - **■ ■ ■**
29KD -
20KD -
14KD -

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

Anti-Fetuin A Picoband Antibody - 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 proteolytic 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.