

Datasheet for ABIN3043534  
**anti-Fetuin A antibody (N-Term)**



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2 Images

## Overview

Quantity:	100 µg
Target:	Fetuin A (AHSG)
Binding Specificity:	AA 33-65, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fetuin A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-AHSG Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Fetuin A, different from the related mouse and rat sequences by thirteen amino acids.
Sequence:	DDPETEEAAL VAIDYINQNL PWGYKHTLNQ IDE
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-AHSG Antibody Picoband® (ABIN3043534). Tested in ELISA, Flow Cytometry, IHC, ICC, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are

## Product Details

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designated as Picoband, ensuring unmatched performance.

Purification: Immunogen affinity purified.

## Target Details

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Target: Fetuin A (AHSG)

Alternative Name: AHSG ([AHSG Products](#))

Background: Synonyms: 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, PRO2743,

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.

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.

Sequence Similarities: Belongs to the fetuin family.

Molecular Weight: 55-60 kDa

Gene ID: 197

UniProt: [P02765](#)

## Application Details

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Application Notes: Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human  
ELISA, 0.1-0.5 µg/mL, -  
Western blot, 0.1-0.5 µg/mL, Human, Rat  
Immunohistochemistry (Frozen Section), 0.5-1 µg/mL, Human  
Immunocytochemistry, 0.5-1 µg/mL, Human  
Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human1. "Entrez Gene: AHSG alpha-2-HS-glycoprotein". 2. Osawa M, Umetsu K, Sato M, Ohki T, Yukawa N, Suzuki T, Takeichi S (September 1997). "Structure of the gene encoding human alpha 2-HS glycoprotein (AHSG)". Gene 196 (1-2): 121-5. 3. Rizzu P, Baldini A (1995). "Three members of the human cystatin gene superfamily, AHSG, HRG, and KNG, map within one megabase of genomic DNA at 3q27". Cytogenet. Cell Genet. 70 (1-2): 26-8.

## Application Details

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05 mg Sodium azide.

Preservative: Sodium azide

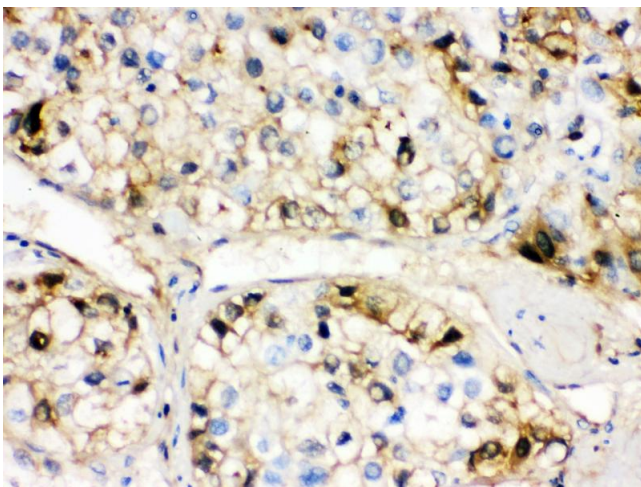
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C, -20 °C

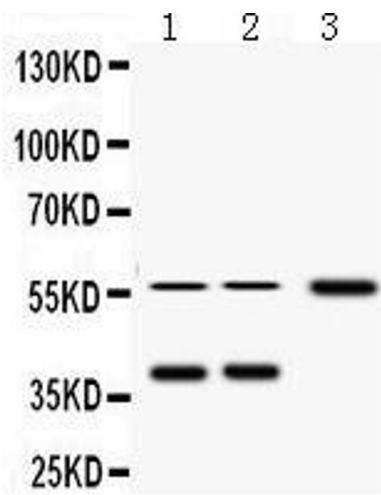
Storage Comment: Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

## Images



### Immunohistochemistry

**Image 1.** Anti- AHSG Picoband antibody, IHC(P) IHC(P):  
Human Liver Cancer Tissue



**Western Blotting**

Image 2.