

## Basic Information

<b>Product Name</b>	Anti-Fetuin A/AHSG Antibody
<b>Gene Name</b>	AHSG
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human
<b>Tested Application</b>	WB
<b>Contents</b>	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence at the N-terminus of human Fetuin A(46-62aa DYINQNLPGYKHTLNQ).
<b>concentration</b>	500 ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Observed MW</b>	58KD
<b>Dilution Ratios</b>	Western blot(WB):1:500-2000

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

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.

## Selected Validation Data

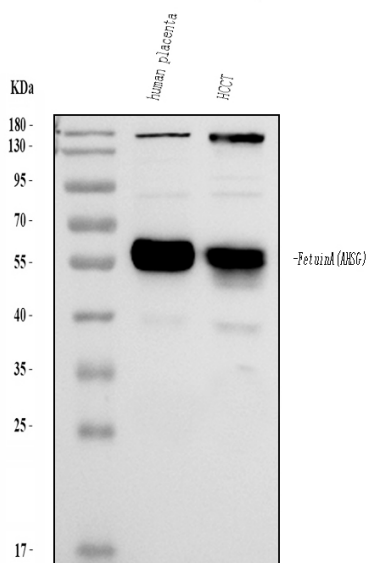


Figure 1. Western blot analysis of anti- AHSG antibody (BA4757-2).

The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: human placenta testis lysates,

Lane 2: HCCT whole cell lysates.

Use rabbit anti- AHSG 1:1000, probed with a goat anti-rabbit IgG-

HRP secondary antibody. The signal is developed using an

Enhanced Chemiluminescent detection (ECL) kit (Catalog #

EK1002). A specific band was detected for AHSG at approximately

58KD. The expected band size for AHSG is at 39KD.