

Datasheet for ABIN115504 **anti-Fetuin A antibody**



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Overview

Quantity:	0.1 mg
Target:	Fetuin A (AHSG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fetuin A antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Human serum
Specificity:	This antibody reacts to Fetuin-A.
Purification:	Immunoaffinity chromatography

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	alpha-2-HS-Glycoprotein (AHSG Products)
Background:	Fetuin-A (AHSG), a 59 kDa glycoprotein, consisting of two cystatin-like domains and a smaller unrelated domain, is predominantly synthesized in liver. It is secreted into the blood stream and deposited as a noncollagenous protein in mineralized bones and teeth. Fetuin-A occurs in high serum concentrations during foetal life, whereas its level declines following infection,

Target Details

inflammatory and malignancy. Fetuin-A acts as an important circulating inhibitor of ectopic calcification, frequent complication of many degenerative diseases. Low serum level of Fetuin-A is associated with vascular and valvular calcification, atherosclerosis, malnutrition and higher cardiovascular mortality in chronic renal failure, liver cancer and liver cirrhosis patients on long-term dialysis. AHSG protein represents a natural inhibitor of tyrosinase kinase activity of the insulin receptor. It may play a significant role in regulating postprandial glucose disposal, insulin sensitivity, weight gain, and fat accumulation. The serum and bone-resident Fetuin-A binds to transforming growth factor- beta and blocks TGFbeta binding to cell surface receptors. Synonyms: AHSG, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, FETUA, Fetuin A, PRO2743

Gene ID: 197

NCBI Accession: [NP_001613](#)

UniProt: [P02765](#)

Application Details

Application Notes: ELISA. Western Blot. Immunohistochemistry on frozen sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore with 0.1 mL of deionized water

Concentration: 1.0 mg/mL

Buffer: 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. AZIDE FREE

Preservative: Azide free

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Prior to reconstitution store at -70 °C. Following reconstitution store the antibody (in aliquots) at -20 °C for 6 months.

Expiry Date: 6 months