

Datasheet for ABIN4950053
anti-Fetuin A antibody



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2 Images

Overview

Quantity:	100 µg
Target:	Fetuin A (AHSG)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fetuin A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids DDPETEEAALVAIDYINQNLPGYKHTLNQIDE of human AHSG were used as the immunogen for the AHSG antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	Fetuin-A / AHSG (AHSG Products)
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

Target Details

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.

UniProt: [P02765](#)

Application Details

Application Notes: Optimal dilution of the AHSG antibody should be determined by the researcher.\. Western blot: 0.1-0.5 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,FACS: 1-3 µg/10^6 cells,ELISA: 0.1-0.5 µg/mL (human protein tested)

Restrictions: For Research Use only

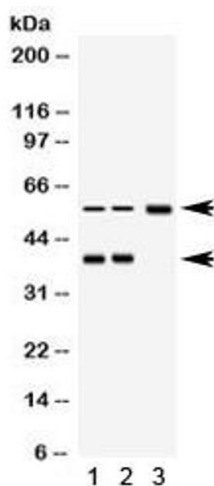
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

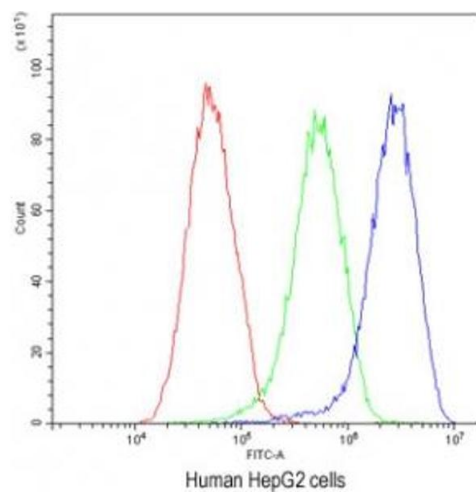
Storage Comment: After reconstitution, the AHSG antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of 1) rat brain, 2) human RH35 and 3) MCF7 lysate with AHSG antibody. Expected molecular weight ~39/45-55 kDa (unmodified/glycosylated).



Flow Cytometry

Image 2. Flow cytometry testing of human HepG2 cells with AHSG antibody at $1\mu\text{g}/10^6$ cells (blocked with goat sera)