

Fetuin B Polyclonal Antibody(Capture/Detector)

catalog number: **AN002500P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

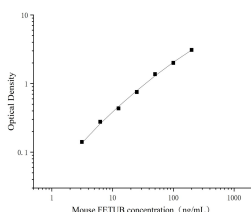
Description

Reactivity	Human;Mouse
Immunogen	Recombinant Mouse Fetuin B protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

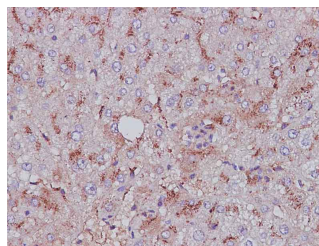
ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL
IHC	1:300-1:600

Data



Sandwich ELISA-Recombinant Mouse Fetuin B protein standard curve. Background subtracted standard curve using

Fetuin B antibody(AN002500P)(Capture), Fetuin B antibody(AN002500P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse Fetuin B protein is 3.12-200 ng/mL.



Immunohistochemistry of paraffin-embedded Human liver using Fetuin B Polyclonal Antibody at dilution of 1:550.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Fetuin is a member of the cystatin superfamily of cysteine protease inhibitors. Additional members of this superfamily are kininogen and histidine-rich glycoprotein. Fetuin A and B are two known members of the fetuin family. Hepatocytes are believed to be the principal cellular source, but other cell types also express it. Fetuin A, also known as alpha 2-Heremans-Schmid glycoprotein, is an inhibitor of basic calcium phosphate precipitation and a negative acute-phase protein. Normal circulating levels of Fetuin A in adults (300-600 ug/mL) fall significantly (30-50%) during injury and infection. Fetuin B is a newer member whose function is not fully characterized. Fetuin A and B display similarities and differences in their characteristics. Fetuin B exhibits reduction of calcification, while both mRNA levels were down regulated during the acute phase in inflammation-induced rats. However, they share only 20% amino acid sequence identity. The amounts of Fetuin B in human serum, unlike Fetuin A, vary with gender and are higher in females than in males.

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