

Product Datasheet

Fetuin Antibody (orb344218)

Catalog Number	orb344218
Description	Fetuin antibody
Species/Host	Goat
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	This purified antibody was prepared from rabbit serum after repeated immunizations with a recombinant human fetuin (a2-HS glycoprotein) processed to remove a 40 amino acid residue bridging peptide resulting in the mature form of the protein.
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only

Biorbyt Ltd.

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Application notes

This purified polyclonal antibody has been tested by western blot. Although not tested, this antibody is likely functional in ELISA, immunohistochemistry, and immunoprecipitation. A doublet band or slightly lower molecular weight band (see image) may be visible by western blot due to proteolytic processing, variable glycosylation and/or phosphorylation. Proteolytic processing may include the removal of a 40 amino acid residue bridging peptide from the A and B chains of fetuin in vivo.

Isotype

IgG

Clonality

Polyclonal

Antibody Type

Primary Antibody

Purity

This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum.

Uniprot ID

P02765

NCBI

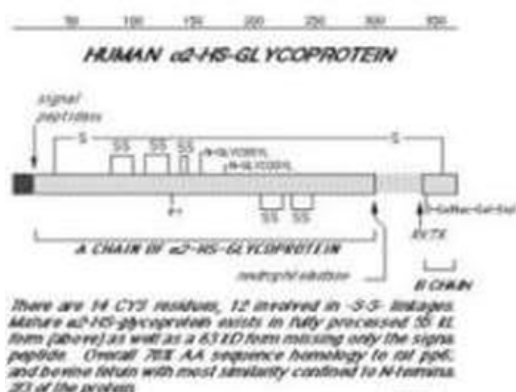
NP_001613.2

Dilution Range

ELISA: 1:40,000 - 1:200,000, WB: 1:10,000 - 1:20,000

Expiration Date

12 months from date of receipt.



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Western blot of Fetuin. Anti-Human Fetuin antibody, generated by immunization with mature protein, was tested by western blot against fetuin in purified preparations and in human plasma. Lane 1 contains 250 ng of purified human fetuin. Lane 2 contains 5 μ l of a 1:50 dilution of human serum. Dilution of Anti-Human Fetuin antibody between 1:10000 and 1:20000 showed strong reactivity by western blot. In this blot the antibody was used at a 1:10000 dilution incubated 1 h at room temperature in 1% BSA in TTBS. Detection occurred using a 1:5000 dilution of IRDye™ 800 conjugated Donkey anti-Goat IgG for 45 min at room temperature.

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