

# Product Datasheet

## Fetuin A/AHSG Antibody - BSA Free NBP1-02152-0.125mg

Unit Size: 0.125 mg

Store at -20C. Avoid freeze-thaw cycles.

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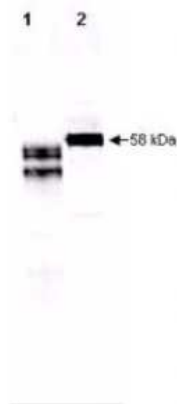
**NBP1-02152-0.125mg**

Fetuin A/AHSG Antibody - BSA Free

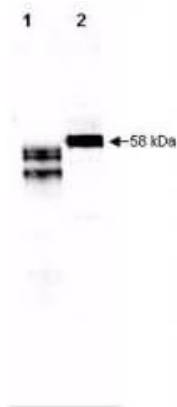
<b>Product Information</b>	
<b>Unit Size</b>	0.125 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Multi-step
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<p>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.</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Goat
<b>Gene ID</b>	197
<b>Gene Symbol</b>	AHSG
<b>Species</b>	Human
<b>Immunogen</b>	This purified Fetuin A/AHSG Antibody was prepared from rabbit serum after repeated immunizations with a recombinant human Fetuin A/AHSG (a2-HS glycoprotein) processed to remove a 40 amino acid residue bridging peptide resulting in the mature form of the protein. (Uniprot: P02765)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:10000-1:20000, ELISA 1:40000-1:200000
<b>Application Notes</b>	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.

## Images

Western Blot: Fetuin Antibody [NBP1-02152] - Analysis of fetuin in purified preparations and in human plasma. Lane 1 contains 250 ng of purified human fetuin. Lane 2 contains 5 l of a 1:50 dilution of human serum. Dilution of Anti-Human Fetuin antibody between 1:10,000 and 1:20,000 showed strong reactivity by western blot. In this blot the antibody was used at a 1:10,000 dilution incubated 1 h at room temperature in 1% BSA in TTBS. Detection occurred using a 1:5,000 dilution of IRDye800 conjugated Donkey anti-Goat IgG for 45 min at room temperature.



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 ul of a 1:50 dilution of human serum. Dilution of Anti-Human Fetuin antibody between 1:10,000 and 1:20,000 showed strong reactivity by western blot. In this blot the antibody was used at a 1:10,000 dilution incubated 1 h at room temperature in 1% BSA in TTBS. Detection occurred using a 1:5,000 dilution of IRDye(TM)800 conjugated Donkey anti-Goat IgG (code # ) for 45 min at room temperature. LICOR's Odyssey(R) Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.





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### Products Related to NBP1-02152-0.125mg

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-90303PEP	Fetuin A/AHSG Recombinant Protein Antigen

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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