

Product Datasheet

Apolipoprotein B/ApoB Antibody - BSA Free NB120-7616

Unit Size: 0.2 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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Publications: 1

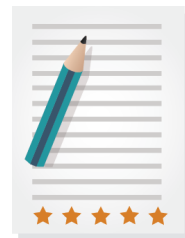
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NB120-7616**Apolipoprotein B/ApoB Antibody - BSA Free**

Product Information	
Unit Size	0.2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Product Description	
Description	This product has been prepared by immunoaffinity chromatography using immobilized antigens followed by extensive cross-adsorption against other apoLipoproteins and human serum proteins to remove any unwanted specificities Store vial at 4C prior to opening. This product is stable 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.
Host	Goat
Gene ID	338
Gene Symbol	APOB
Species	Human
Reactivity Notes	Specific cross reaction of anti-apoLipoprotein antibodies with antigens from other species has not been determined. Non-specific cross reaction of anti-apoLipoprotein antibodies with other human serum proteins is negligible
Specificity/Sensitivity	Typically less than 1% cross reactivity against other types of apoLipoprotein was detected by ELISA against purified standards. This antibody reacts with human apoLipoprotein B and has negligible cross-reactivity with Type A-I, A-II, C-I, C-II, C-III, E and J apoLipoproteins. Specific cross reaction of anti-apoLipoprotein antibodies with antigens from other species has not been determined. Non-specific cross reaction of anti-apoLipoprotein antibodies with other human serum proteins is negligible.
Immunogen	Apolipoprotein B/ApoB was isolated from human plasma by density gradient centrifugation followed by HPLC purification. (Uniprot: Q7Z7Q0)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:200-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry 1:50-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin, Sandwich ELISA 1:100-1:2000



Application Notes

This product have been used for indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for immunoprecipitation and for western blotting for highly sensitive qualitative analysis.

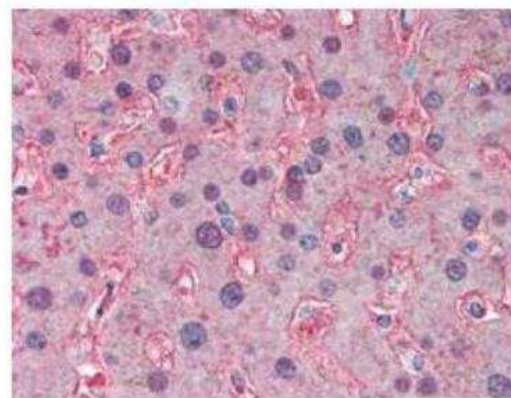
Use in Sandwich-ELISA reported in scientific literature (PMID 26648662)

Images

Western Blot: Apolipoprotein B/ApoB Antibody [NB120-7616] - Coomassie stained gel showing both free and HDL bound Apolipoprotein B/ApoB eluted from a solid phase resin prepared using anti-Human Apolipoprotein B/ApoB antibody. The resin was reacted with human serum prior to washing and elution of bound proteins. The gel was composed of 0.75% agarose in a native buffer system. Separation occurred at room temperature.



Immunohistochemistry-Paraffin: Apolipoprotein B/ApoB Antibody [NB120-7616] - Apolipoprotein B/ApoB antibody was used at a 5 ug/ml to detect signal in human liver tissue. Tissue was formalin-fixed and paraffin embedded.

**Publications**

Bakillah A, Tedla F, Ayoub I et al. Plasma Nitration of High-Density and Low-Density Lipoproteins in Chronic Kidney Disease Patients Receiving Kidney Transplants. Mediators of Inflammation. 2015-10-19 [PMID: 26648662] (S-ELISA, Human)



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Products Related to NB120-7616

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
NBP2-38608PEP	Apolipoprotein B/ApoB Recombinant Protein Antigen

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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