

Product Datasheet

Apolipoprotein L4 Antibody

NBP1-20883

Unit Size: 0.1 mg

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

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NBP1-20883

Apolipoprotein L4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

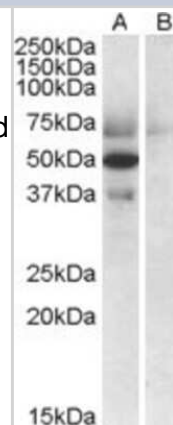
Product Description	
Description	Novus Biologicals Goat Apolipoprotein L4 Antibody (NBP1-20883) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Apolipoprotein L4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	80832
Gene Symbol	APOL4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_085146.2 and NP_663693.1).
Immunogen	Peptide with sequence C-ENLNELTHIHQSLK corresponding to C-Terminus according to NP_085146.2, NP_663693.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 37 kDa band observed in human placenta lysates (calculated MW of 38.7 kDa band according to NP_085146.2). Two additional bands of unknown identity were also consistently observed at 50 kDa band and at 70 kDa. The band at 50 kDa band was successfully blocked by incubation with the immunizing peptide. The other band at 70 kDa band however was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when the antibody is used for other assays than WB.

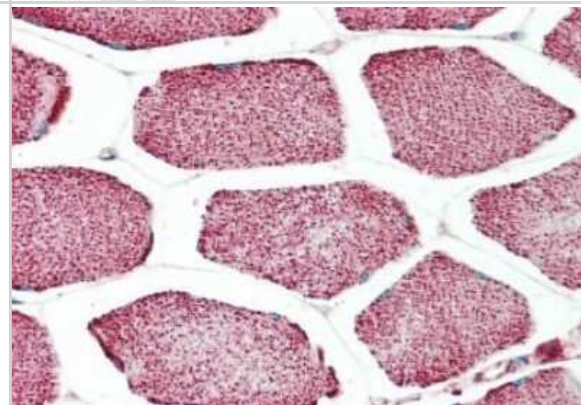


Images

Western Blot: Apolipoprotein L4 Antibody [NBP1-20883] - Analysis of Apolipoprotein L4 in Human Placenta lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide using this antibody at 0.5 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Apolipoprotein L4 Antibody [NBP1-20883] - (5ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Monajemi H, Fontijn RD, Pannekoek H, Horrevoets AJ. The apolipoprotein L gene cluster has emerged recently in evolution and is expressed in human vascular tissue. *Genomics* 2002-04-01 [PMID: 11944986]



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Products Related to NBP1-20883

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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