

Product Datasheet

Apolipoprotein A-IV/ApoA4 Antibody - BSA Free NBP1-86179

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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technical@novusbio.com

Publications: 3

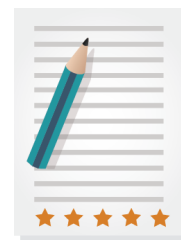
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NBP1-86179

Apolipoprotein A-IV/ApoA4 Antibody - BSA Free

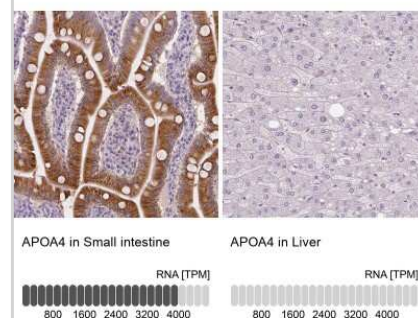
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	337
Gene Symbol	APOA4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LEGLTFQMKKNAEELKARISASAEELRQRLAPLAEDVRGNLRGNTEGLQKSLA ELGGHLDQQVEEFRRRVEPYGENFNKALVQQMEQLRQKLGPHAGDVEGHLS FLEKDLRDKVNSFFSTFKEKESQDKTSLSP

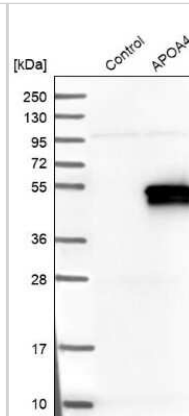
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

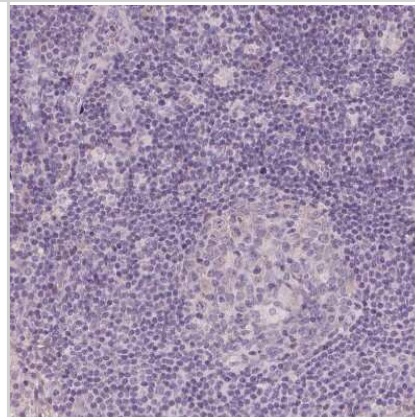
Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Analysis in human small intestine and liver tissues. Corresponding APOA4 RNA-seq data are presented for the same tissues.



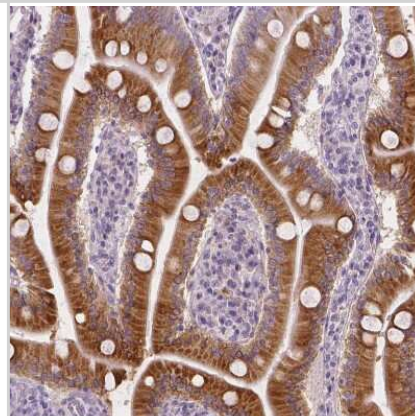
Western Blot: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Analysis in control (vector only transfected HEK293T lysate) and APOA4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



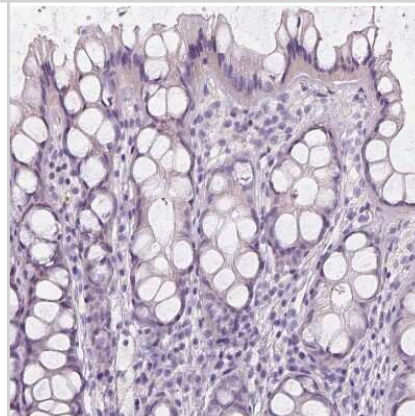
Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



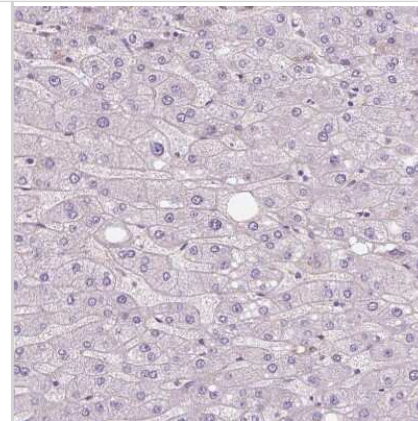
Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Staining of human colon shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-86179] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Beusch CM, Simonson OE, Wedin JO et al. Analysis of local extracellular matrix identifies different aetiologies behind bicuspid and tricuspid aortic valve degeneration and suggests therapies Cellular and Molecular Life Sciences 2023-09-01 [PMID: 37632572] (Western Blot)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. Proteome Sci 2011-11-17 [PMID: 22093360]

Levin Y, Wang L, Schwarz E et al. Global proteomic profiling reveals altered proteomic signature in schizophrenia serum. Mol Psychiatry 2010-11-01 [PMID: 19546861]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-86179

NBP1-86179PEP	Apolipoprotein A-IV/ApoA4 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

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