

Product Datasheet

Apolipoprotein E/ApoE Antibody - BSA Free NBP2-49450

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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NBP2-49450

Apolipoprotein E/ApoE 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

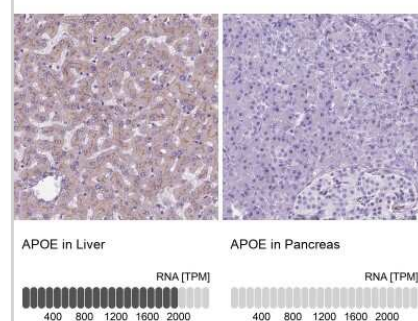
Description	Novus Biologicals Rabbit Apolipoprotein E/ApoE Antibody - BSA Free (NBP2-49450) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	348
Gene Symbol	APOE
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ARMEEMGSRTDRDLDEVKEQVAEVRKLEEQAAQQIRLQAEAFQARLKSWFEP LVEDMQRQW

Product Application Details

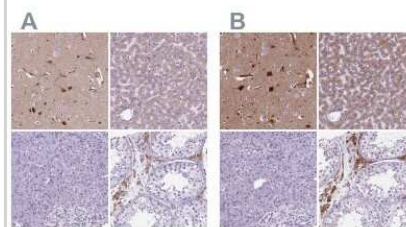
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

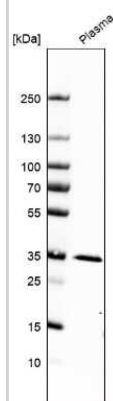
Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Analysis in human liver and pancreas tissues. Corresponding APOE RNA-seq data are presented for the same tissues.



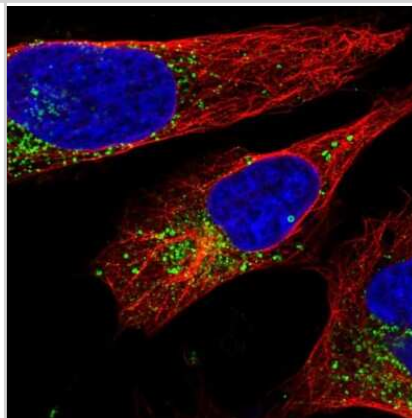
Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human cerebral cortex, liver, pancreas and testis using Anti-APOE antibody NBP2-49450 (A) shows similar protein distribution across tissues to independent antibody NBP2-49565 (B).



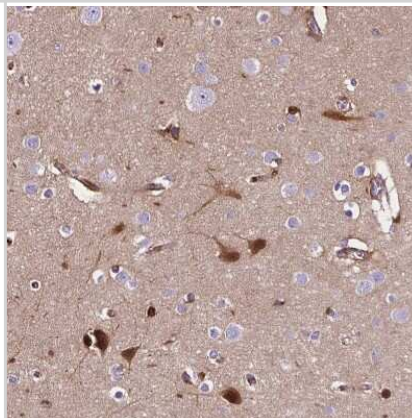
Western Blot: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Analysis in human plasma.



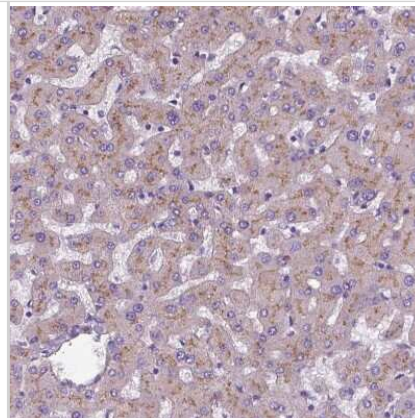
Immunocytochemistry/Immunofluorescence: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



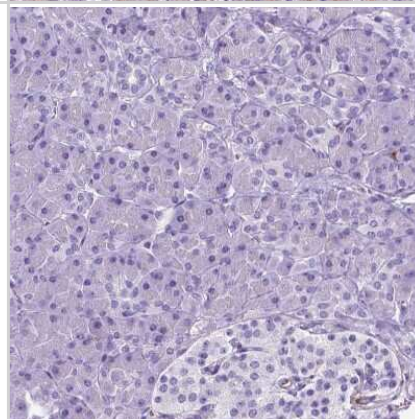
Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



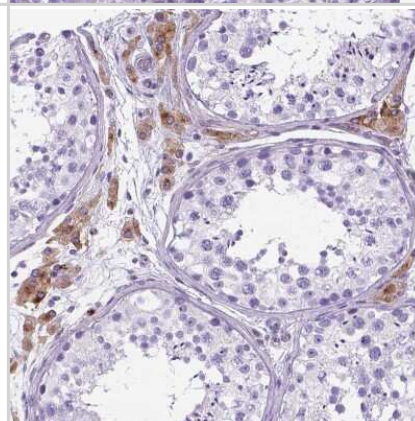
Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Apolipoprotein E/ApoE Antibody [NBP2-49450] - Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.





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Products Related to NBP2-49450

NBP2-49450PEP	Apolipoprotein E/ApoE Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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