

Product Datasheet

ACAA1 Antibody - BSA Free

NBP1-85786

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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Publications: 1

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NBP1-85786

ACAA1 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
Target Molecular Weight	44 kDa

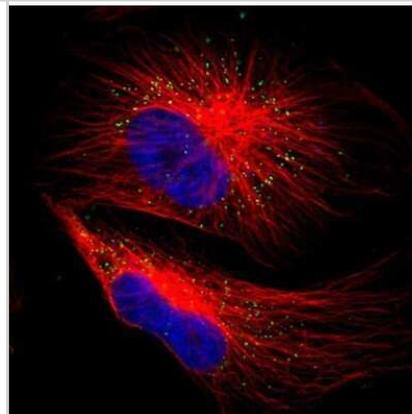
Product Description	
Description	Novus Biologicals Rabbit ACAA1 Antibody - BSA Free (NBP1-85786) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ACAA1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	30
Gene Symbol	ACAA1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24762439).
Marker	Peroxisome Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSS GLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLI PMGITSENVVAERFGISREKQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB reported in scientific literature (PMID: 24762439). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

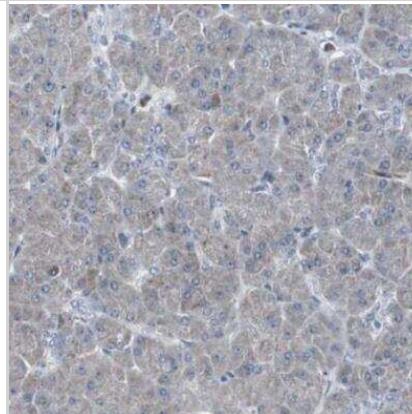


Images

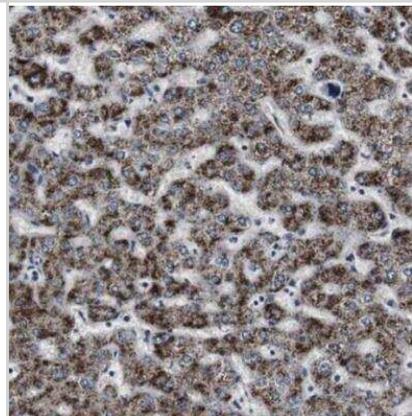
Immunocytochemistry/Immunofluorescence: ACAA1 Antibody [NBP1-85786] - Staining of human cell line U-251MG shows positivity in vesicles. Antibody staining shown in green.



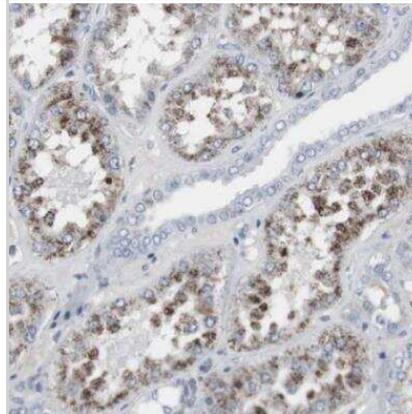
Immunohistochemistry-Paraffin: ACAA1 Antibody [NBP1-85786] - Staining of human pancreas shows very weak cytoplasmic positivity in a subset of exocrine glandular cells.



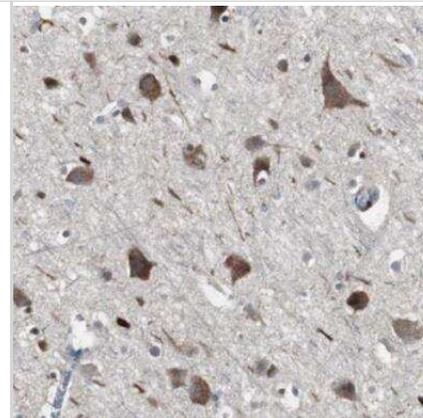
Immunohistochemistry-Paraffin: ACAA1 Antibody [NBP1-85786] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



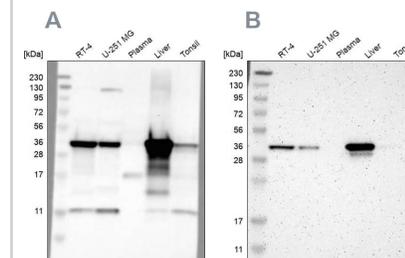
Immunohistochemistry-Paraffin: ACAA1 Antibody [NBP1-85786] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in proximal tubules.



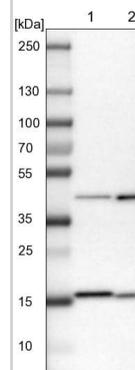
Immunohistochemistry-Paraffin: ACAA1 Antibody [NBP1-85786] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neuronal cells.



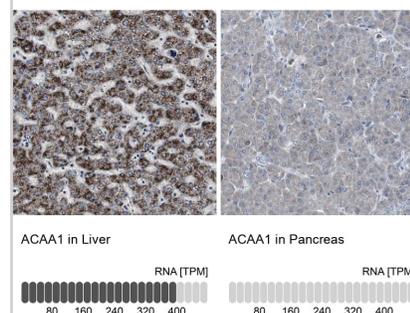
Analysis using Anti-ACAA1 antibody NBP1-85786 (A) shows similar pattern to independent antibody NBP1-86128 (B).



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Immunohistochemistry analysis in human liver and pancreas tissues using HPA007244 antibody. Corresponding ACAA1 RNA-seq data are presented for the same tissues.



Publications

da Silva TF, Eira J, Lopes AT et al. Peripheral nervous system plasmalogens regulate Schwann cell differentiation and myelination. J Clin Invest 2014-06-01 [PMID: 24762439] (WB, Mouse)



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Products Related to NBP1-85786

NBP1-85786PEP	ACAA1 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

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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