

Product Datasheet

ACBD5 Antibody - BSA Free

NBP1-85146

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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NBP1-85146

ACBD5 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	91452
Gene Symbol	ACBD5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (81%). Human reactivity reported in scientific literature (PMID: 24535825).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IQVPPGNGNIGNMQVVAVEGKGEVKHGGEDGRNNSGAPHREKRGGETDEFS NVRGRGRHRMQHLSEGTKGRQVGSGGDGERWGSDRGSRGSLNEQIALVLM RLQEDMQNVLQRLQKLETLTALQAKSSTSTLQTAPQPTSQRPSWWPF

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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, ICC/IF reported in scientific literature (PMID: 24535825). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

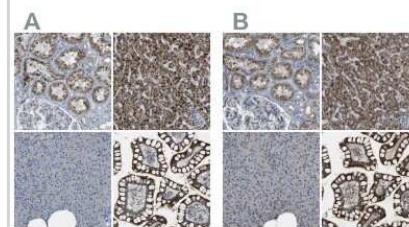


Images

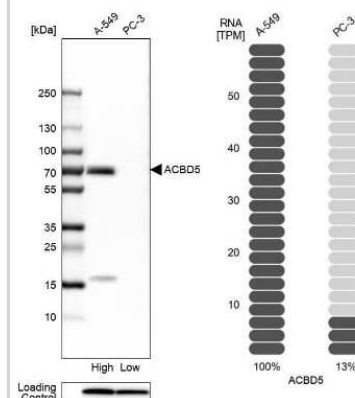
Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Analysis in human small intestine and pancreas tissues using antibody. Corresponding ACBD5 RNA-seq data are presented for the same tissues.



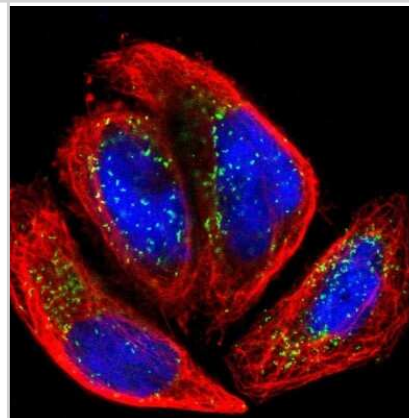
Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Staining of human kidney, liver, pancreas and small intestine using Anti-ACBD5 antibody NBP1-85146 (A) shows similar protein distribution across tissues to independent antibody NBP1-85145 (B).



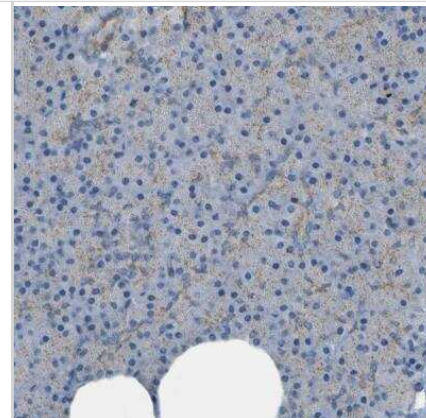
Western Blot: ACBD5 Antibody [NBP1-85146] - Analysis in human cell lines A-549 and PC-3 using anti-ACBD5 antibody. Corresponding ACBD5 RNA-seq data are presented for the same cell lines. Loading control: anti-PPIB.



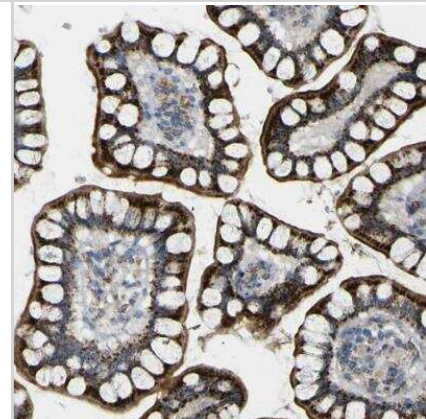
Immunocytochemistry/Immunofluorescence: ACBD5 Antibody [NBP1-85146] - Staining of human cell line A-431 shows localization to peroxisomes. Antibody staining is shown in green.



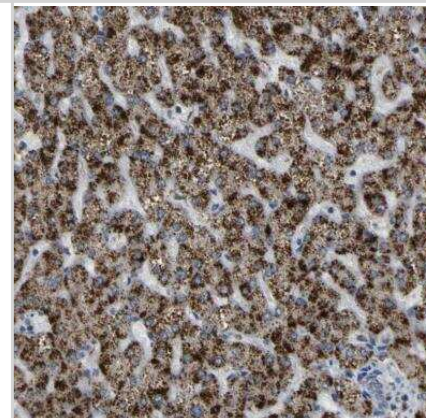
Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Staining of human pancreas shows very weak granular cytoplasmic positivity in exocrine glandular cells



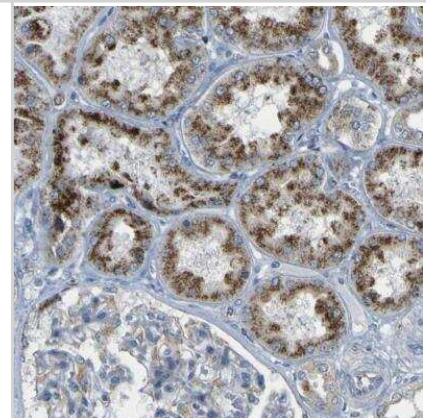
Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells



Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: ACBD5 Antibody [NBP1-85146] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Publications

Nazarko TY, Ozeki K, Till A et al. Peroxisomal Atg37 binds Atg30 or palmitoyl-CoA to regulate phagophore formation during pexophagy. J Cell Biol 2014-02-17 [PMID: 24535825] (ICC/IF, WB, Human)



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Products Related to NBP1-85146

NBP1-85146PEP	ACBD5 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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