

Product Datasheet

ACOX1 Antibody - BSA Free

NBP1-80950

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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Updated 12/2/2025 v.20.1

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NBP1-80950

ACOX1 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

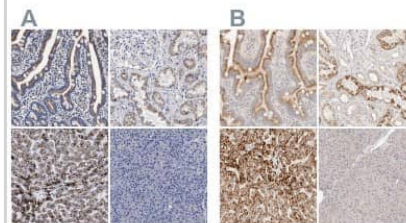
Product Description	
Description	Novus Biologicals Rabbit ACOX1 Antibody - BSA Free (NBP1-80950) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ACOX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51
Gene Symbol	ACOX1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%). Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVRHQSEIKPGEPEPQILDFQTQQYKLFPLLATAYAFQFVGAYMKETYHRINEGI GQGDLSLPELHALTAGLKAFTSWTANTGIEACRMACGGHGY

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

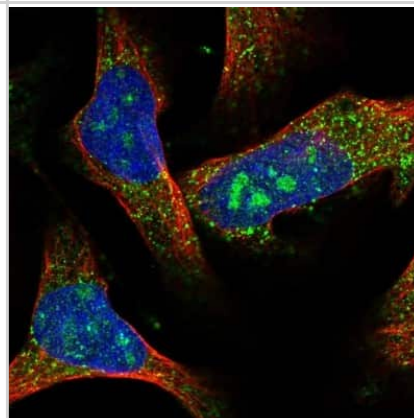


Images

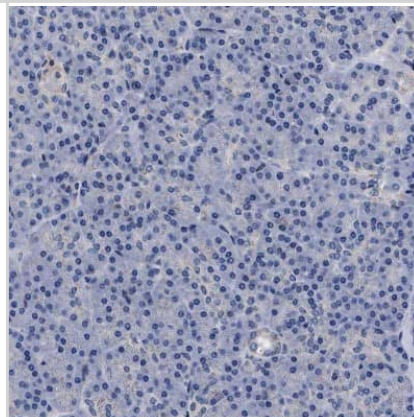
Immunohistochemistry-Paraffin: ACOX1 Antibody [NBP1-80950] - Staining of human gastrointestinal, kidney, liver and pancreas using Anti-ACOX1 antibody NBP1-80950 (A) shows similar protein distribution across tissues to independent antibody NBP1-80949 (B).



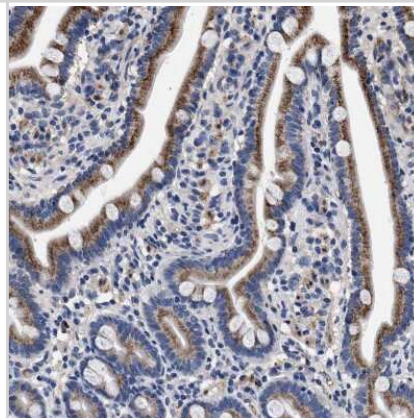
Immunocytochemistry/Immunofluorescence: ACOX1 Antibody [NBP1-80950] - Staining of human cell line U-2 OS shows localization to nucleoli & vesicles. Antibody staining is shown in green.



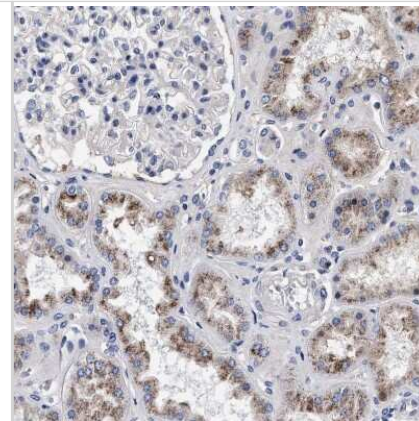
Immunohistochemistry-Paraffin: ACOX1 Antibody [NBP1-80950] - Staining of human pancreas shows no positivity in exocrine glandular cells.



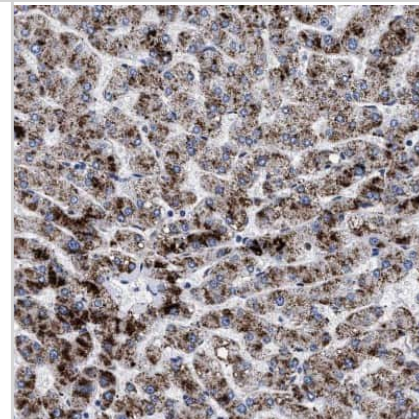
Immunohistochemistry-Paraffin: ACOX1 Antibody [NBP1-80950] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ACOX1 Antibody [NBP1-80950] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ACOX1 Antibody [NBP1-80950] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-80950

NBP1-80950PEP	ACOX1 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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