

Product Datasheet

HADHA Antibody - BSA Free

NBP1-83387

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: 2

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Updated 12/2/2025 v.20.1

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NBP1-83387

HADHA 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

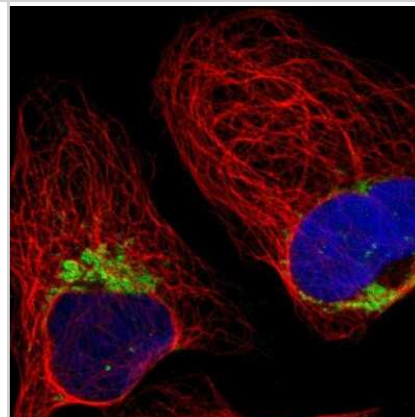
Product Description	
Description	Novus Biologicals Rabbit HADHA Antibody - BSA Free (NBP1-83387) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HADHA Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3030
Gene Symbol	HADHA
Species	Human, Mouse
Reactivity Notes	Rat (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IEYLEEVAITFAKGLADKKISPKRDKGLVEKLTAYAMTIPFVRQQVYKKVEEKVR KQTKGLYPAPLKIIDVVKTGIEQGSDAGYLCESQKFGELVMTKESKALMGLYHG QVLCKKNKFGAPQKDVKHLAILGAGLMGAGIAQVSVDK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

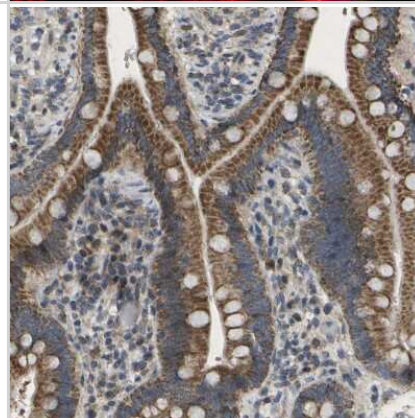


Images

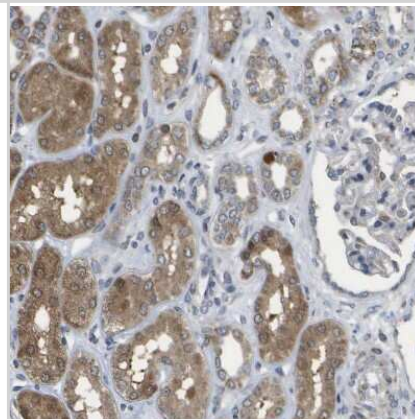
Immunocytochemistry/Immunofluorescence: HADHA Antibody [NBP1-83387] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



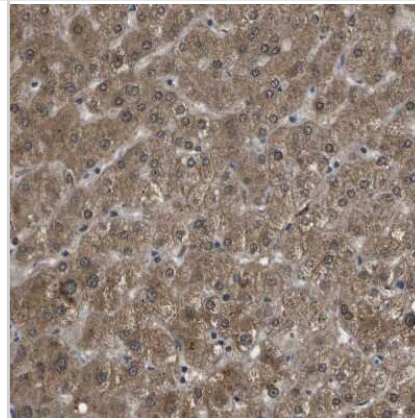
Immunohistochemistry-Paraffin: HADHA Antibody [NBP1-83387] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



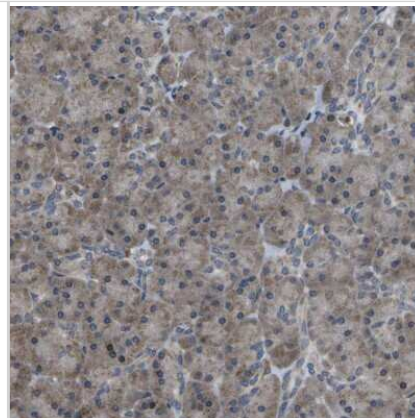
Immunohistochemistry-Paraffin: HADHA Antibody [NBP1-83387] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



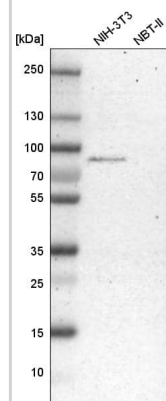
Immunohistochemistry-Paraffin: HADHA Antibody [NBP1-83387] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



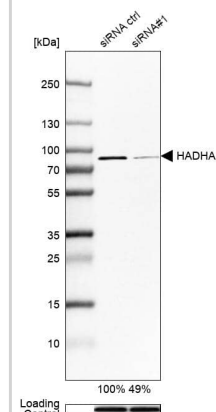
Immunohistochemistry-Paraffin: HADHA Antibody [NBP1-83387] - Staining of human pancreas shows moderate cytoplasmic positivity in exocrine glandular cells.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in Hep-G2 cells) transfected with control siRNA, target specific siRNA probe #1, using Anti-HADHA antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Maria Weiss, Sara Hettrich, Theresa Hofmann, Salma Hachim, Stefan Günther, Thomas Braun, Thomas Boettger
Mitochondria controls cardiac BCAA metabolism and heart hypertrophy by allosteric activation of BCKDH Nucleic Acids
Research 2024-06-24 [PMID: 38567728]

Gerin I, Clerbaux LA, Haumont O et al. Expression of miR-33 from an SREBP2 intron inhibits cholesterol export and fatty acid oxidation. J Biol Chem 2010-10-01 [PMID: 20732877]



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Products Related to NBP1-83387

NBP1-83387PEP	HADHA 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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