

Product Datasheet

ACAT2 Antibody - BSA Free

NBP1-89526

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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technical@novusbio.com

Publications: 1

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Updated 12/2/2025 v.20.1

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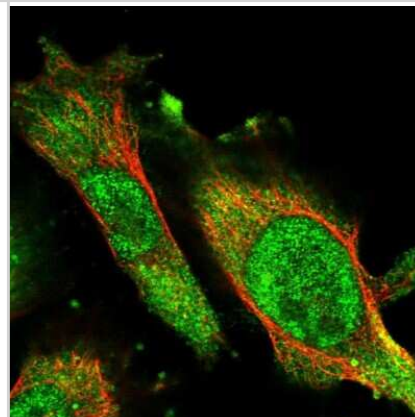
NBP1-89526

ACAT2 Antibody - BSA Free

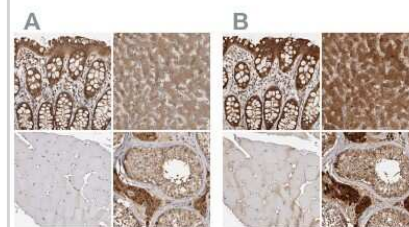
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit ACAT2 Antibody - BSA Free (NBP1-89526) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ACAT2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	39
Gene Symbol	ACAT2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LVSTRKGLIEVKTDEFPRHGSNIEAMSKLKPYPFLTDGTGTVTPANASGINDGAA AVVLMKKSEADKRGLT
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

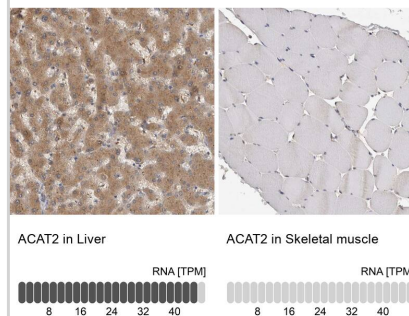
Immunocytochemistry/Immunofluorescence: ACAT2 Antibody [NBP1-89526] - Staining of human cell line U-251 MG shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



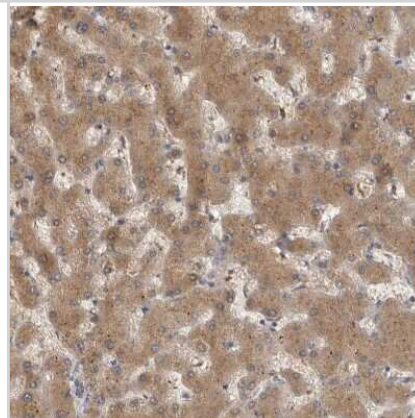
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89526] - Staining of human gastrointestinal, liver, skeletal muscle and testis using Anti-ACAT2 antibody NBP1-89526 (A) shows similar protein distribution across tissues to independent antibody NBP1-89525 (B).



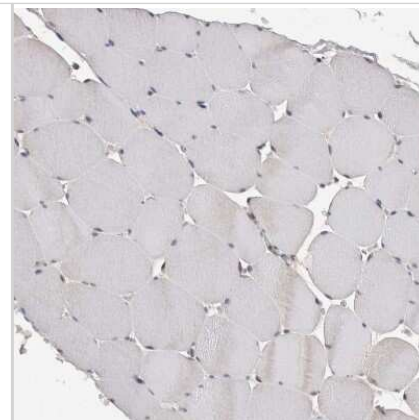
Analysis in human liver and skeletal muscle tissues using NBP1-89526 antibody. Corresponding ACAT2 RNA-seq data are presented for the same tissues.



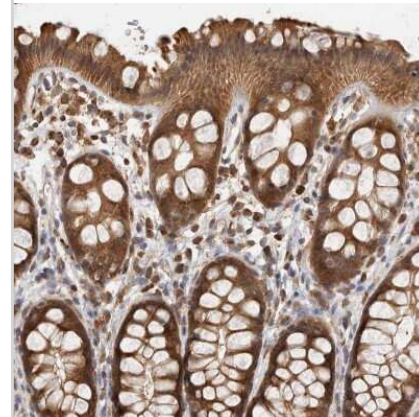
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89526] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



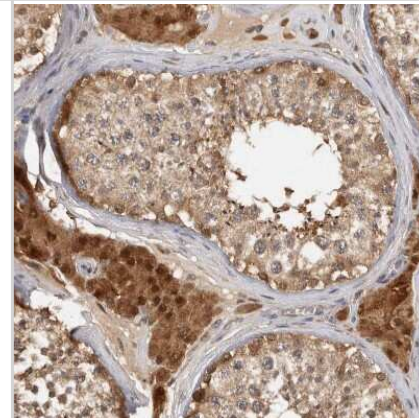
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89526] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89526] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89526] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



Publications

Martinez-Outschoorn UE, Lin Z, Whitaker-Menezes D et al. Ketone body utilization drives tumor growth and metastasis. Cell Cycle 2012-11-01 [PMID: 23082722]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-89526

NBP1-89526PEP	ACAT2 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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