

Product Datasheet

ACAT2 Antibody - BSA Free

NBP1-89525

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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NBP1-89525

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	41 kDa

Product Description

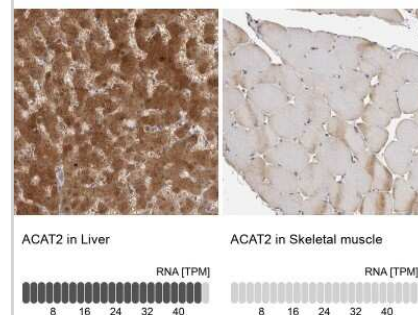
Host	Rabbit
Gene ID	39
Gene Symbol	ACAT2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24506864). Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SIGIGDSSIVVAGGMENMSKAPHLAYLRTGVKIGEMPLTDSILCDGLTDAFHNC HMGITAENVAKKWQVSREDQDKVAVLS

Product Application Details

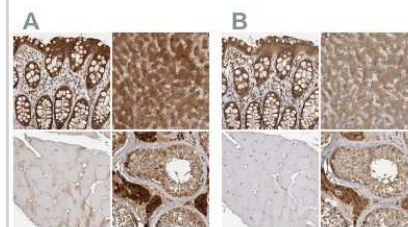
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

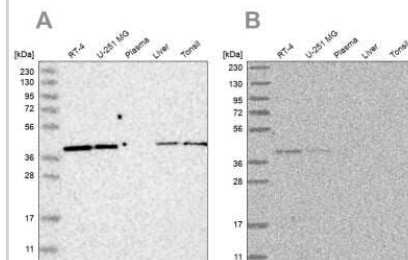
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] - Staining in human liver and skeletal muscle tissues using NBP1-89525 antibody. Corresponding ACAT2 RNA-seq data are presented for the same tissues.



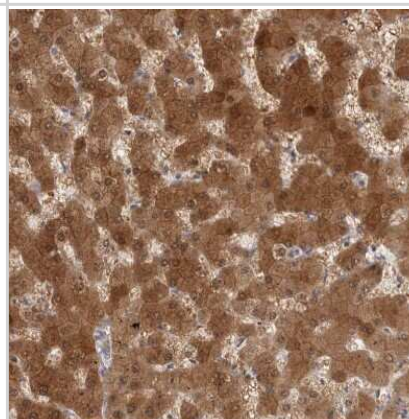
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] -
Staining of human gastrointestinal, liver, skeletal muscle and testis using
Anti-ACAT2 antibody NBP1-89525 (A) shows similar protein distribution
across tissues to independent antibody NBP1-89526 (B).



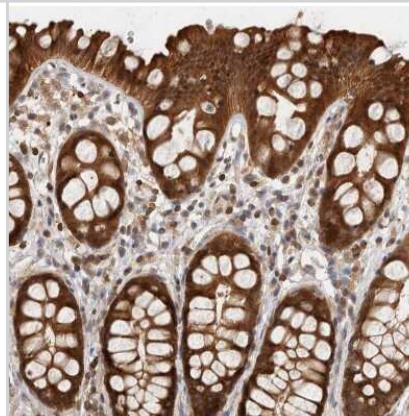
Western Blot: ACAT2 Antibody [NBP1-89525] - Analysis using Anti-
ACAT2 antibody NBP1-89525 (A) shows similar pattern to independent
antibody NBP1-85967 (B).



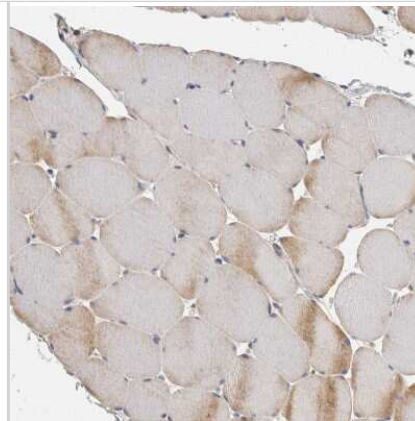
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] -
Staining of human liver shows strong cytoplasmic positivity in
hepatocytes.



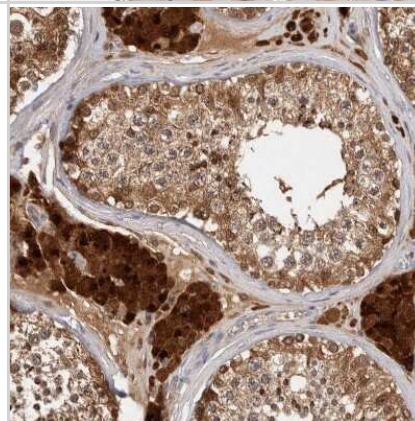
Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] -
Staining of human rectum shows strong cytoplasmic positivity in
glandular cells.



Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: ACAT2 Antibody [NBP1-89525] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



Publications

Go GW, Srivastava R, Hernandez-Ono A et al. The Combined Hyperlipidemia Caused by Impaired Wnt-LRP6 Signaling Is Reversed by Wnt3a Rescue. Cell Metab. 2014-02-10 [PMID: 24506864] (WB, Mouse)



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Products Related to NBP1-89525

NBP1-89525PEP	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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