

Rabbit ACAT2 Polyclonal Antibody | anti-ACAT2 antibody

ACAT2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197463	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

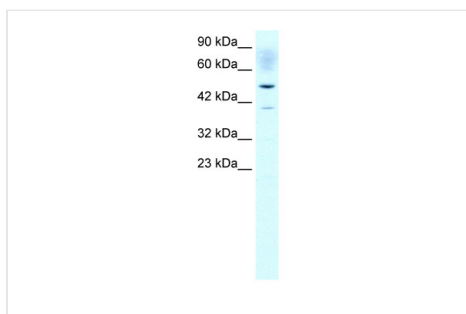
PRODUCT SYNONYMS

ACAT2; Polyclonal Antibody; ACAT2 antibody - middle region; anti-ACAT2 antibody

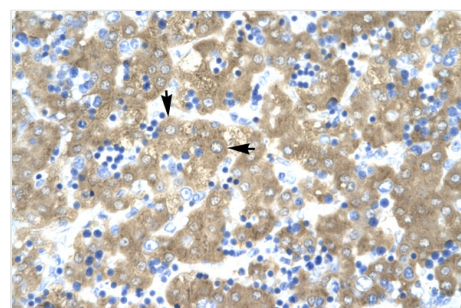
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SR EDQDKVAVLS QNRTENAQKA GHFDKEIVPV LVSTRKGLIE VKTDEFPR
Sequence Length	397
Applicable Applications for anti-ACAT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 92%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACAT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ACAT2 Antibody Titration: 1.0ug/ml
Positive Control: K562 cell lysate
ACAT2 is supported by BioGPS gene expression data to be expressed in K562


IHC (Immunohistochemistry)

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-ACAT2 antibody	This is a rabbit polyclonal antibody against ACAT2. It was validated on Western Blot and immunohistochemistry Target Description: Acetyl-Coenzyme A acetyltransferase 2 is an enzyme involved in lipid metabolism. Reported patients with ACAT2 deficiency have shown severe mental retardation and hypotonus. The ACAT2 gene shows complementary overlapping with the 3-prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.
Product Categories/Family for anti-ACAT2 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539872
NCBI GeneID	39
NCBI Accession #	NP_005882
NCBI GenBank Nucleotide #	NM_005891
UniProt Accession #	Q9BWD1
Molecular Weight	41kDa
NCBI Official Full Name	acetyl-CoA acetyltransferase, cytosolic isoform 1
NCBI Official Synonym Full Names	acetyl-CoA acetyltransferase 2
NCBI Official Symbol	ACAT2
NCBI Protein Information	acetyl-CoA acetyltransferase, cytosolic
UniProt Protein Name	Acetyl-CoA acetyltransferase, cytosolic
UniProt Gene Name	ACAT2
UniProt Synonym Gene Names	ACTL
UniProt Entry Name	THIC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acet2-antibody-western-blot-immunohistochemistry-elisa/197463>