

Rabbit ACADS Polyclonal Antibody | anti-ACADS antibody

ACADS Polyclonal Antibody

CATALOG # AAA36674	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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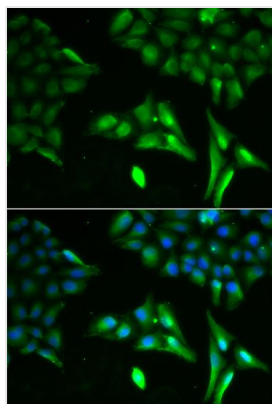
PRODUCT SYNONYMS

ACADS; Polyclonal Antibody; ACADS Polyclonal Antibody; ACAD3; SCAD; anti-ACADS antibody

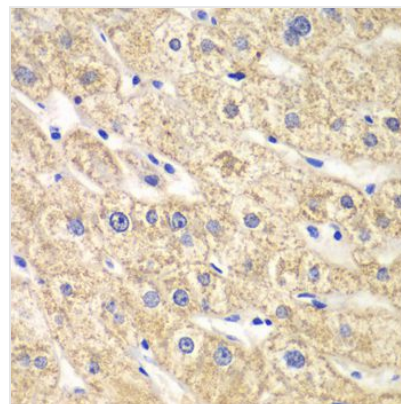
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-ACADS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Fusion protein of human ACADS
Calculated Molecular Weight	44kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

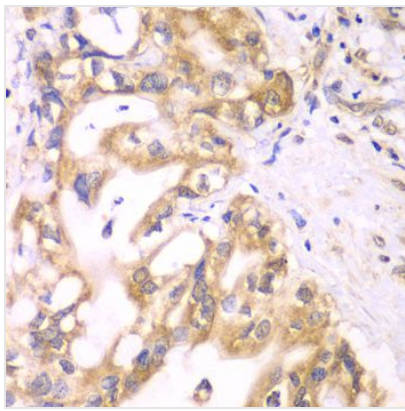
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ACADS antibody. Blue: DAPI for nuclear staining.

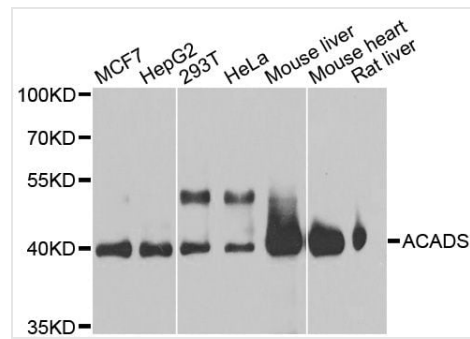

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using ACADS antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using ACADS antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACADS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADS antibody	This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-ACADS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	113019
NCBI GeneID	35
UniProt Accession #	P16219; P78331
Molecular Weight	412
NCBI Official Full Name	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, C-2 to C-3 short chain
NCBI Official Symbol	ACADS
NCBI Official Synonym Symbols	SCAD; ACAD3
NCBI Protein Information	short-chain specific acyl-CoA dehydrogenase, mitochondrial; butyryl-CoA dehydrogenase; unsaturated acyl-CoA reductase; acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain; mitochondrial short-chain specific acyl-CoA dehydrogenase
UniProt Protein Name	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADS
UniProt Synonym Gene Names	SCAD
UniProt Entry Name	ACADS_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://stage.aaabiotech.com/polyclonal/acads-antibody-immunohistochemistry-western-blot-elisa/36674>