

Rabbit ACADSB Polyclonal Antibody | anti-ACADSB antibody

ACADSB Polyclonal Antibody

CATALOG # AAA177256	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

ACADSB; Polyclonal Antibody; ACADSB Polyclonal Antibody; 2-MEBCAD; ACAD7; SBCAD; anti-ACADSB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ACADSB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human ACADSB (NP_0016001)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



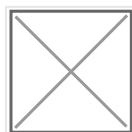
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ACADSB Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



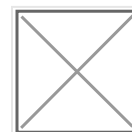
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spinal cord using ACADSB Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using ACADSB Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using ACADSB Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-ACADSB antibody	Short/branched chain acyl-CoA dehydrogenase (ACADSB) is a member of the acyl-CoA dehydrogenase family of enzymes that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. Substrate specificity is the primary characteristic used to define members of this gene family. The ACADSB gene product has the greatest activity towards the short branched chain acyl-CoA derivative, (S)-2-methylbutyryl-CoA, but also reacts significantly with other 2-methyl branched chain substrates and with short straight chain acyl-CoAs. The cDNA encodes for a mitochondrial precursor protein which is cleaved upon mitochondrial import and predicted to yield a mature peptide of approximately 43.7-KDa.
Product Categories/Family for anti-ACADSB antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168283
NCBI GeneID	36
UniProt Accession #	P45954; Q5SQN6; Q96CX7; B4DQ51
Molecular Weight	432
NCBI Official Full Name	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, short/branched chain
NCBI Official Symbol	ACADSB
NCBI Official Synonym Symbols	ACAD7; SBCAD; 2-MEBCAD
NCBI Protein Information	short/branched chain specific acyl-CoA dehydrogenase, mitochondrial; 2-methylbutyryl-coenzyme A dehydrogenase; 2-methyl branched chain acyl-CoA dehydrogenase; acyl-Coenzyme A dehydrogenase, short/branched chain
UniProt Protein Name	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADSB
UniProt Synonym Gene Names	SBCAD; 2-MEBCAD; 2-methylbutyryl-CoA dehydrogenase
UniProt Entry Name	ACDSB_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/acadsb-antibody-immunofluorescence-immunohistochemistry-elisa/177256>