

Rabbit anti-Human, Rat ACADSB Polyclonal Antibody | anti-ACADSB antibody

ACADSB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233161	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ACADSB; Polyclonal Antibody; ACADSB Antibody; Short/branched chain specific acyl-CoA dehydrogenase; mitochondrial; SBCAD; 2-methyl branched chain acyl-CoA dehydrogenase; 2-MEBCAD; 2-methylbutyryl-coenzyme A dehydrogenase; 2-methylbutyryl-CoA dehydrogenase; anti-ACADSB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	330
Applicable Applications for anti-ACADSB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial protein (34-253AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA233161 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HEK293 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue. All lanes: ACADSB antibody at 3ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 48,37 KDa. Observed band size: 48 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACADSB antibody

Has greatest activity toward short branched chain acyl-CoA derivative such as (s)-2-methylbutyryl-CoA, isobutyryl-CoA, and 2-methylhexanoyl-CoA as well as toward short straight chain acyl-CoAs such as butyryl-CoA and hexanoyl-CoA. Can use valproyl-CoA as substrate and may play a role in controlling the metabolic flux of valproic acid in the development of toxicity of this agent.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1054279084
NCBI GeneID	36
NCBI Accession #	NP_001317103.1
NCBI GenBank Nucleotide #	NM_001330174.1
UniProt Accession #	P45954; Q5SQN6; Q96CX7; B4DQ51
Molecular Weight	36,025 Da
NCBI Official Full Name	short/branched chain specific acyl-CoA dehydrogenase, mitochondrial isoform 2
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
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

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-immunohistochemistry-western-blot-elisa/233161>