

Datasheet for ABIN7169541
anti-ACADSB antibody (AA 34-253)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ACADSB
Binding Specificity:	AA 34-253
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADSB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial protein (34-253AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	ACADSB
Alternative Name:	ACADSB (ACADSB Products)
Background:	Background: Has greatest activity toward short branched chain acyl-CoA derivative such as (s)-

Target Details

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.

Aliases: 2 MEBCAD antibody, 2 methyl branched chain acyl CoA dehydrogenase antibody, 2 methylbutyryl CoA dehydrogenase antibody, 2 methylbutyryl coenzyme A dehydrogenase antibody, 2-MEBCAD antibody, 2-methyl branched chain acyl-CoA dehydrogenase antibody, 2-methylbutyryl-CoA dehydrogenase antibody, 2-methylbutyryl-coenzyme A dehydrogenase antibody, ACAD7 antibody, ACADSB antibody, ACDSB_HUMAN antibody, acyl CoA dehydrogenase, short/branched chain antibody, acyl Coenzyme A dehydrogenase short branched chain antibody, mitochondrial antibody, OTTHUMP00000020685 antibody, OTTHUMP00000046795 antibody, SBCAD antibody, Short/branched chain specific acyl-CoA dehydrogenase antibody, short/branched chain specific acyl-CoA dehydrogenase, mitochondrial antibody

UniProt: [P45954](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

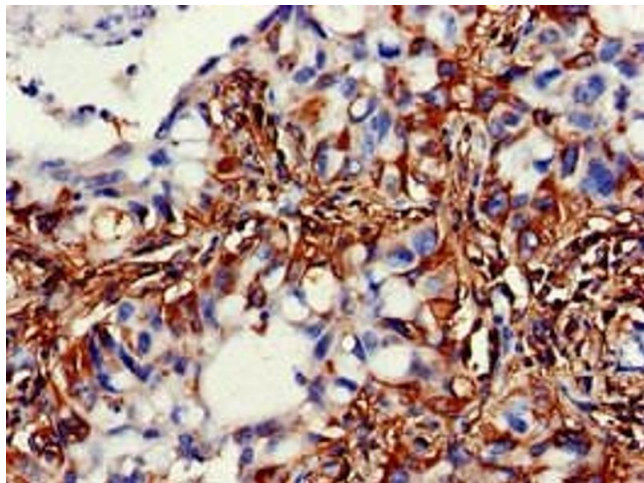
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

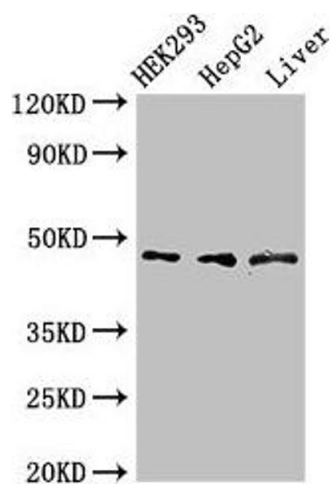
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7169541 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HEK293 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue All lanes: ACADSB antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48, 37 kDa Observed band size: 48 kDa