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Datasheet for ABIN7169543

**anti-ACADSB antibody (AA 34-253) (FITC)**

## Overview

Quantity:	100 µg
Target:	ACADSB
Binding Specificity:	AA 34-253
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADSB antibody is conjugated to FITC
Application:	Please inquire

## Product Details

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

## Target Details

Target:	ACADSB
Alternative Name:	ACADSB ( <a href="#">ACADSB Products</a> )
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

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.