

Datasheet for ABIN7384407 **anti-ACADS antibody**

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Overview

Quantity:	50 µL
Target:	ACADS (Acads)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ACADS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R08-4C2
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ACADS (Acads)
Alternative Name:	ACADS (Acads Products)
Background:	ACAD3,ACADS,ACADS,Acyl Coenzyme A dehydrogenase,C2 to C3 short chain,Acyl-CoA dehydrogenase,C2 to C3 short chain,Acyl-CoA dehydrogenase,short chain,Acyl-Coenzyme A dehydrogenase,short chain,AI196007,Bcd-1,Bcd1,Butyryl CoA dehydrogenase,Butyryl-CoA dehydrogenase,EC 1.3.99.2,mitochondrial,SCAD,Short chain acyl CoA dehydrogenase,Short-chain specific acyl-CoA dehydrogenase,Short-chain specific acyl-CoA

Target Details

dehydrogenase,mitochondrial,Unsaturated acyl CoA reductase,This gene encodes a 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. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

Molecular Weight: Observed_MW: 44kDa
Calculated_MW: 44kDa

Gene ID: 35

UniProt: [P16219](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.