

Product Datasheet

ACADM Antibody

Catalog No: CY5285

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP



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Information

UniProt ID: P11310

All Names: Medium-chain specific acyl-CoA dehydrogenase;MCAD; ACAD1; MCADH;ACADM;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 46 kDa

Application

WB: 1:1000~1:2000

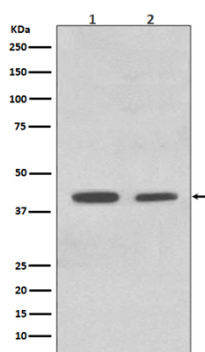
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

Background

This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



Western blot analysis of extracts of (1)HeLa cell lysate;
(2)K562 cell lysate, using ACADM antibody.

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