

ACADM RABBIT MAB

Cat.#: N261784

Product Name: Anti-ACADM Rabbit Monoclonal Antibody

Synonyms: ACADM; Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; MCAD

UNIPROT ID: P11310

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.

Immunogen: A synthetic peptide of human ACADM

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-8F7

MW: Calculated MW: 47 kDa; Observed MW: 47 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

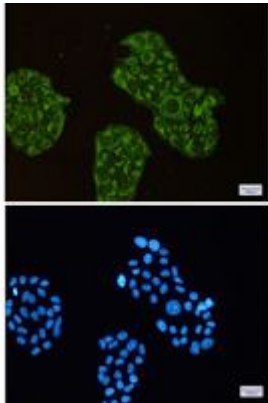
Conjugation: Unconjugated

Modification: Unmodified

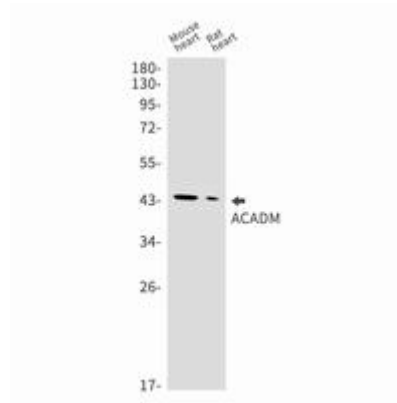
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

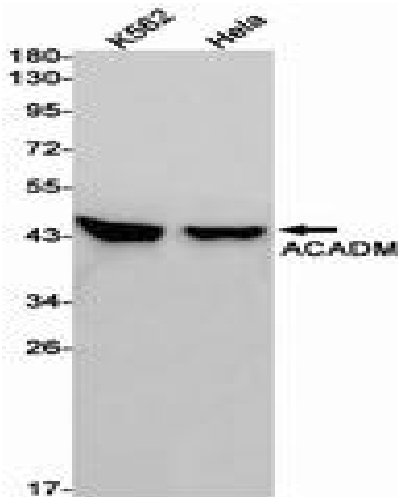
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of ACADM (green) in Hela using ACADM antibody, and DAPI (blue)



Western blot analysis of ACADM in mouse heart, rat heart lysates using ACADM antibody.



Western blot analysis of ACADM in K562, Hela lysates using ACADM antibody.