Product Name: ACADM Rabbit Monoclonal Antibody
Catalog #: AMRe01599

Summary

Production Name	ACADM Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	ACADM
Alternative Names	ACADM; Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; MCAD
Gene ID	34
SwissProt ID	P11310

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 47 kDa; Observed MW: 47 kDa

Background

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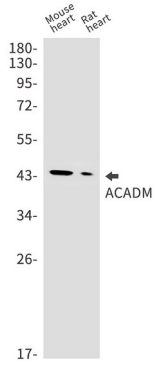
This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized 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.

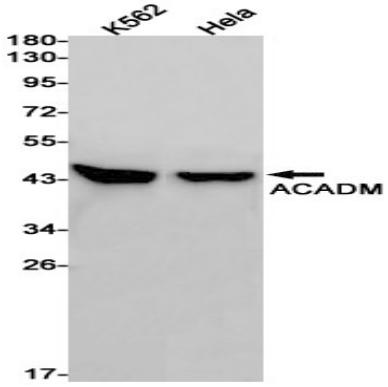
Research Area

Signal Transduction

Image Data



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.

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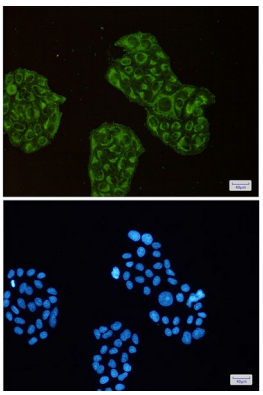

Immunocytochemistry analysis of ACADM(green) in Hela using ACADM antibody,and DAPI(blue)

Note

For research use only.