SunLong Biotech Co.,LTD
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Rabbit Anti-ACADM antibody

SLM-60484R

Product Name	ACADM
Chinese Name	酰基辅酶 A 脱氢酶中链 Recombinant rabbit monoclonal anti
Alias	mitochondrial antibody; ACAD 1; ACAD1; Acyl coenzyme A dehydrogenase; Acyl coenzyme A dehydrogenase C 4 to C 12 straight chain; MCAD; MCADH; Medium chain acyl CoA dehydrog Medium chain fatty acyl CoA dehydrogenase; Medium chain specific acyl CoA dehydrogenase; M chain specific acyl CoA dehydrogenase mitochondrial; FLJ18227; FLJ93013; FLJ99884; ACADM_HUMAN.
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	H5A10
React Species	Human,Mouse,Rat
Applications	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,ICC/IF=1:50-200,IF=1:50-200,Flow-Cyt=1 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG/Kappa
Purification	Affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or dia applications.
PubMed	PubMed
Product Detail	This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogena homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. De 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 s

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transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 20

Subcellular Location:
Mitochondrion matrix.

SWISS:
P11310

Gene ID:
34

Database links:

Entrez Gene: 34 Human

SwissProt: P11310 Human

酰基辅酶，是一种特殊的酰基链长度为 4-16 的脱氢酶，它催化脂肪酸 β 氧化的起始步骤。
电子转移黄蛋白（ETF）作为电子受体，通过 ETF-泛醌氧化还原酶（ETF 脱氢酶）将电子
Mitochondrion 呼吸链。

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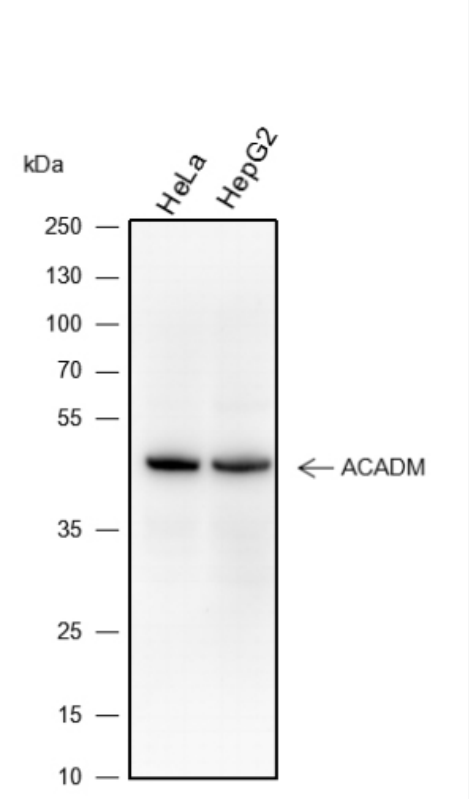
Product Picture



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: HeLa, HepG2

Protein loading quantity: 20 μg

Exposure time: 30 s

Predicted MW: 45 kDa

Observed MW: 45 kDa

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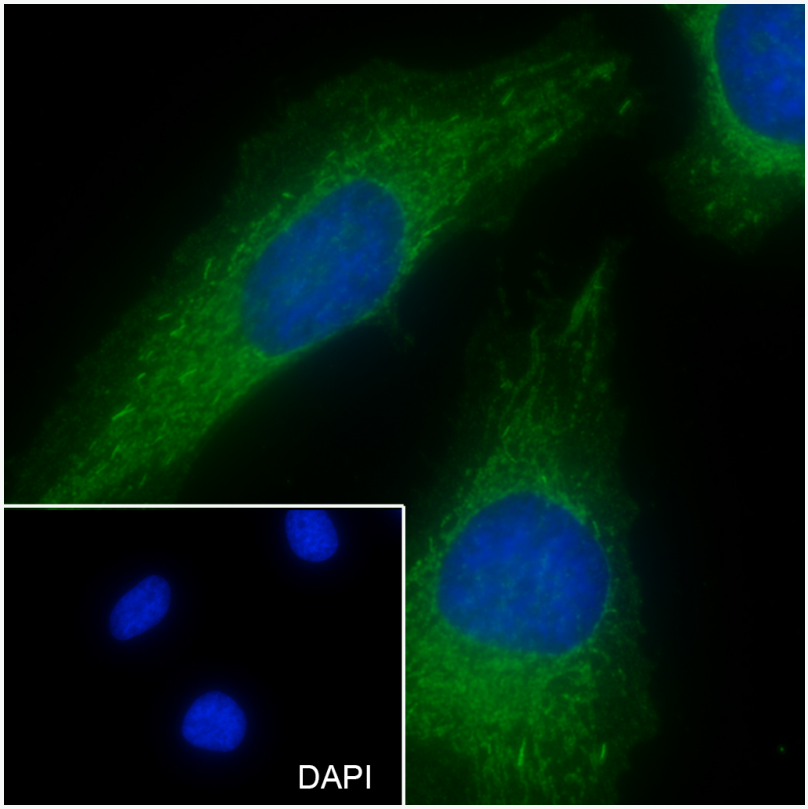

Cell line: HeLa

Fixative: 100% Ice-cold methanol

Permeabilization: 0.1% TritonX-100

Primary ab dilution: 1:50

Primary incubation condition: 4°C overnight

Secondary ab: Goat Anti-Rabbit IgG

Nuclear counter stain: DAPI (Blue)

Comment: Color green is the positive signal for SLM-60484R