

A0945

Leader in Biomolecular Solutions for Life Science



ACADS Rabbit pAb

Catalog No.: A0945

3 Publications

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Mouse Monoclonal Antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes 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 (SCAD) deficiency. Alternative splicing results in two variants which encode different isoforms.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100

Immunogen Information

Gene ID

35

Swiss Prot

P16219

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human ACADS (NP_000008.1).

Synonyms

SCAD; ACAD3; ACADS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

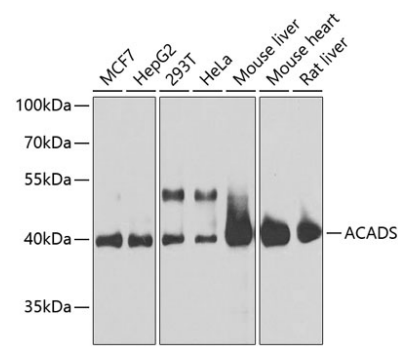
Affinity purification

Storage

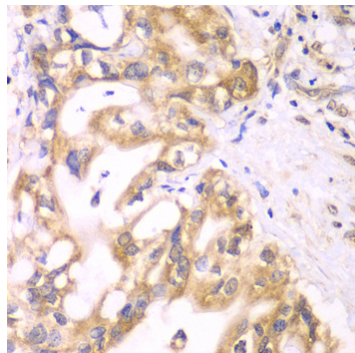
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

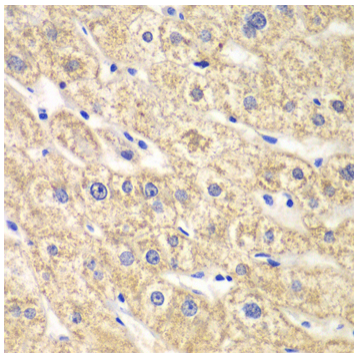
Validation Data



Western blot analysis of extracts of various cell lines, using ACADS antibody (A0945) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using ACADS antibody (A0945) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver damage using ACADS antibody (A0945) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.