

ACADS Rabbit Polyclonal Antibody



CAB0945

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

44kDa

Calculated MW:

44kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

35

Uniprot

P16219

Synonyms:

ACADS; ACAD3; SCAD

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

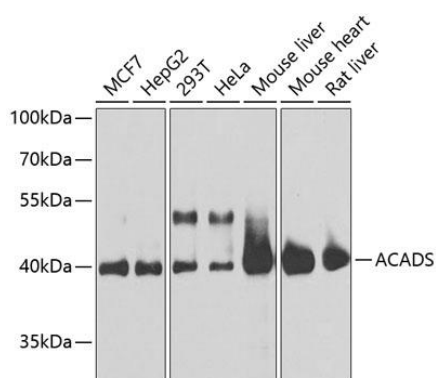
Immunogen:

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

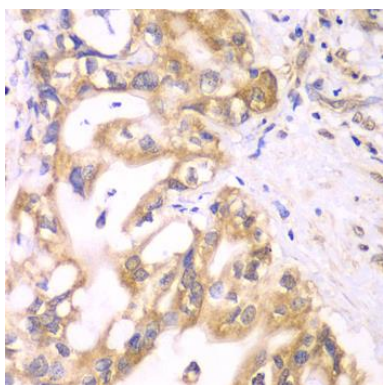
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

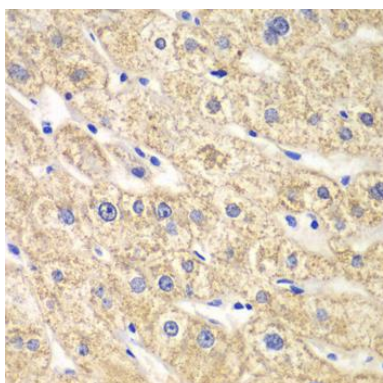
Product Images



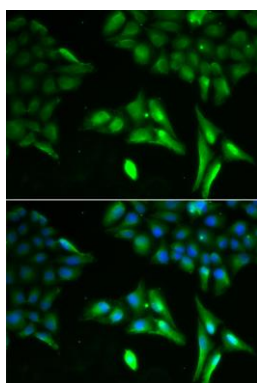
Western blot analysis of extracts of various cell lines, using ACADS antibody (CAB0945) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunohistochemistry of paraffin-embedded human liver cancer using ACADS antibody (CAB0945) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver damage using ACADS antibody (CAB0945) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using ACADS antibody (CAB0945). Blue: DAPI for nuclear staining.