

A7230

Leader in Biomolecular Solutions for Life Science



ACADS Rabbit pAb

Catalog No.: A7230

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Polyclonal Antibody

Applications

WB,IP,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

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

35

Swiss Prot

P16219

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SCAD; ACAD3; ACADS

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

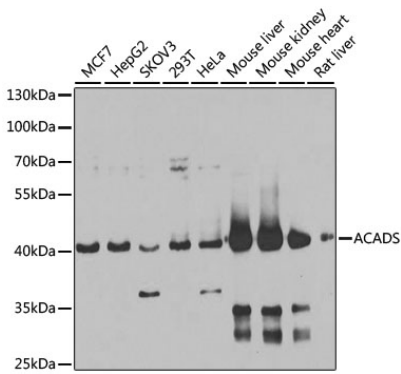
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

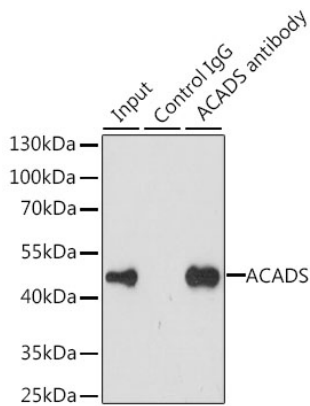


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Validation Data



Western blot analysis of various lysates using ACADS Rabbit pAb (A7230) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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.



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg ACADS antibody (A7230). Western blot was performed from the immunoprecipitate using ACADS antibody (A7230) at a dilution of 1:1000.