

ACAA2 Rabbit mAb

Catalog No.: A0664 **Recombinant**

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2533

Conjugate

Unmodified

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Background

The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal.

Immunogen Information

Gene ID

10449

Swiss Prot

P42765


Immunogen

A synthetic peptide corresponding to a sequence within amino acids 298-397 of human ACAA2 (P42765).

Synonyms

DSAEC; ACAA2

Contact

 | 400-999-6126

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Product Information

Source

Rabbit

Isotype

IgG

Purification

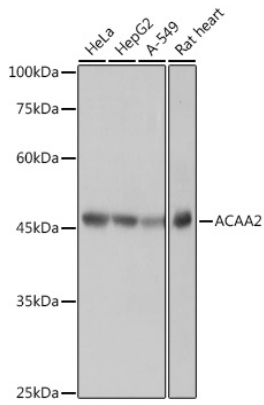
Affinity purification

Storage

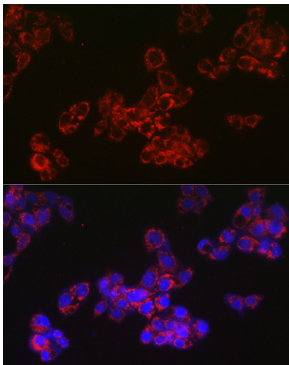
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

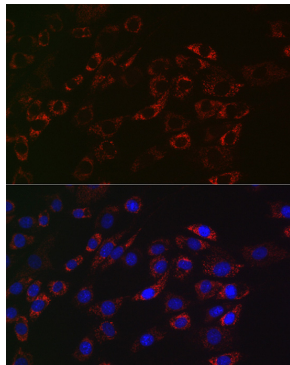
Validation Data



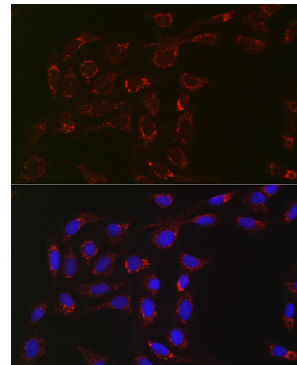
Western blot analysis of extracts of various cell lines, using ACAA2 antibody (A0664) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunofluorescence analysis of HepG2 cells using ACAA2 Rabbit mAb (A0664) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ACAA2 Rabbit mAb (A0664) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using ACAA2 Rabbit mAb (A0664) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.