

Datasheet for ABIN7265367  
**anti-ACAA2 antibody**



[Go to Product page](#)

4 Images

## Overview

Quantity:	100 µL
Target:	ACAA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ACAA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	ACAA2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human ACAA2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	ACAA2
Alternative Name:	ACAA2 ( <a href="#">ACAA2 Products</a> )
Background:	The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral.

## Target Details

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Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal.,ACAA2, DSAEC, acetyl-CoA acyltransferase 2,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Lipid Metabolism,Cholesterol Metabolism,Cardiovascular,Lipids,Fatty Acids,ACAA2

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Molecular Weight: 45kDa

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Gene ID: 10449

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UniProt: [P42765](#)

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Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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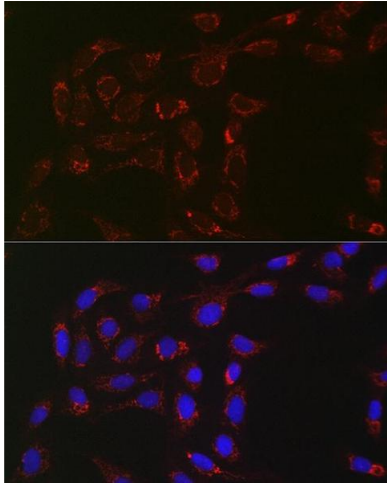
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

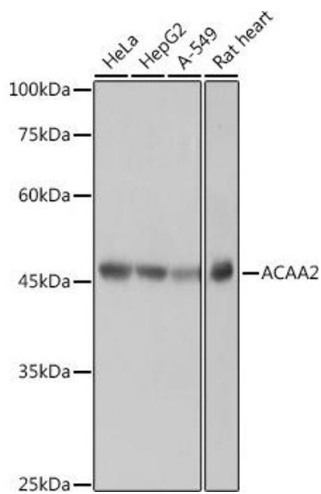
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



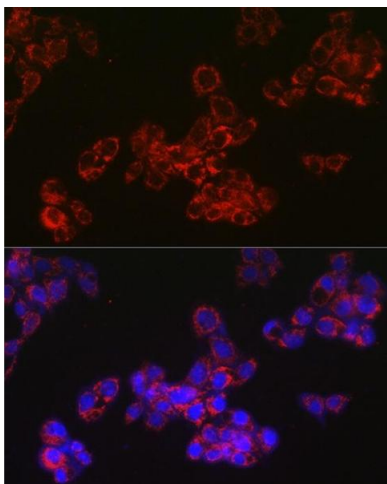
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using Rabbit mAb (ABIN7265367) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using antibody (ABIN7265367) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of HepG2 cells using Rabbit mAb (ABIN7265367) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7265367.