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Datasheet for ABIN654760

## anti-ACAD10 antibody (AA 393-421)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	ACAD10
Binding Specificity:	AA 393-421
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAD10 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This ACD10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-421 amino acids from the Central region of human ACD10.
Clone:	RB28684
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	ACAD10
Alternative Name:	ACD10 ( <a href="#">ACAD10 Products</a> )

## Target Details

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**Background:** This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

**Molecular Weight:** 118834

**Gene ID:** 80724

**NCBI Accession:** [NP\\_001130010](#), [NP\\_079523](#)

**UniProt:** [Q6JQN1](#)

## Application Details

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**Application Notes:** WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

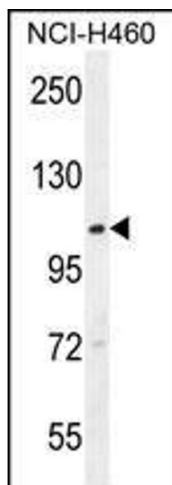
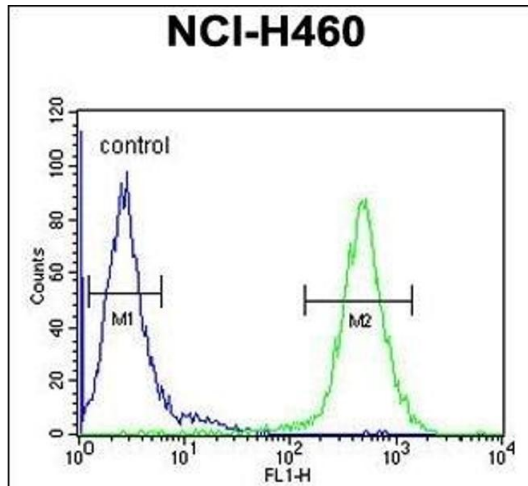
**Preservative:** Sodium azide

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

**Storage:** 4 °C, -20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** ACD10 Antibody (Center) (ABIN654760 and ABIN2844444) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** ACD10 Antibody (Center) (ABIN654760 and ABIN2844444) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ACD10 antibody detected the ACD10 protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** ACD10 Antibody (Center) (ABIN654760 and ABIN2844444) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ACD10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.