

Datasheet for ABIN7007231

**anti-ACADS antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	60 µL
Target:	ACADS (Acads)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADS antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human ACADS (NP_000008.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	ACADS (Acads)
Alternative Name:	ACADS ( <a href="#">Acads Products</a> )
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

## Target Details

different isoforms.

Gene ID: 35

UniProt: [P16219](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: IHC 1:50-1:100 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

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

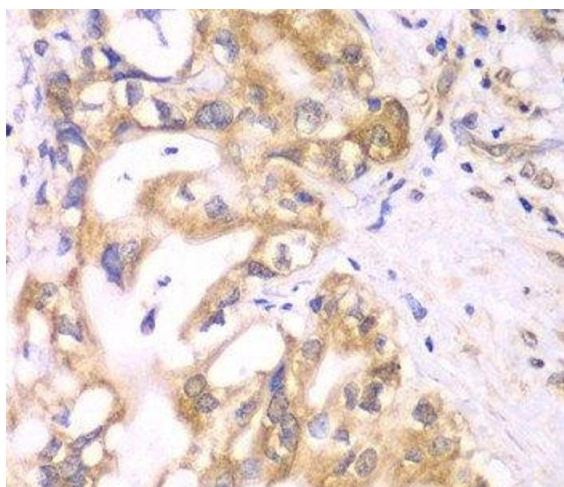
Preservative: Sodium azide

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

Storage: -20 °C

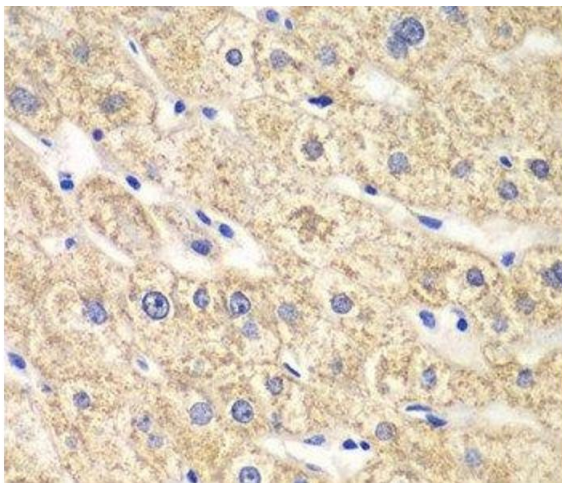
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



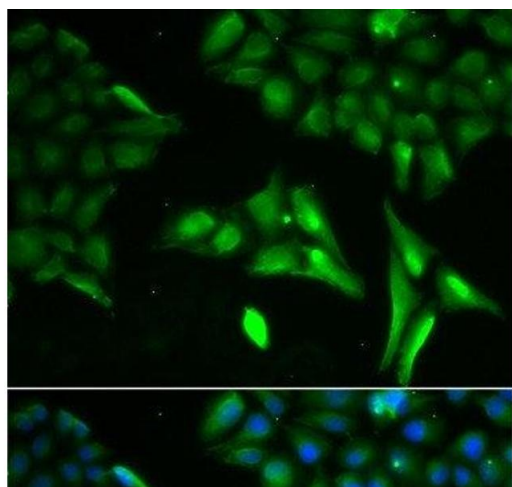
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer using ACADS Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver damage using ACADS Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of U2OS cells using ACADS Polyclonal Antibody