

**ACAT2 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10199****Specification**

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**ACAT2 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8CAY6</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41298

**ACAT2 Antibody - Additional Information****Gene ID** 110460Positive Control  
Application & Usage**Jurkat cell lysate, rat kidney tissue lysate**  
**The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide is available separately.****Other Names**  
Acetyl-CoA acetyltransferase cytosolic**Target/Specificity**  
ACAT2**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.5 mg/ml) affinity purified rabbit anti-ACAT2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**

ACAT2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## ACAT2 Antibody - Protein Information

**Name** Acat2

**Function**

Involved in the biosynthetic pathway of cholesterol.

**Cellular Location**

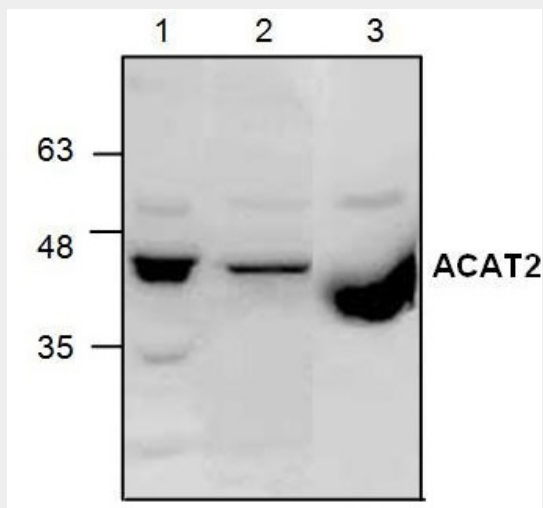
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9BWD1}

## ACAT2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ACAT2 Antibody - Images



Western blot analysis of ACAT2 using Jurkat cell lysate (Lane 1 & 2) and rat kidney tissue lysate (Lane 3).

## ACAT2 Antibody - Background

Acetyl-Coenzyme A acetyltransferase 2 (ACAT2) is an enzyme involved in lipid metabolism. Patients with ACAT2 deficiency have shown severe mental retardation and hypotonus. The ACAT2 gene shows complementary overlapping with the 3 prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite

transcriptional orientation.