

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

**Specification**

**ACAT2 Antibody - Product Information**

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

**ACAT2 Antibody - Additional Information**

**Gene ID** 110460

**Positive Control** Jurkat cell lysate, rat kidney tissue lysate

**Application & Usage** 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.

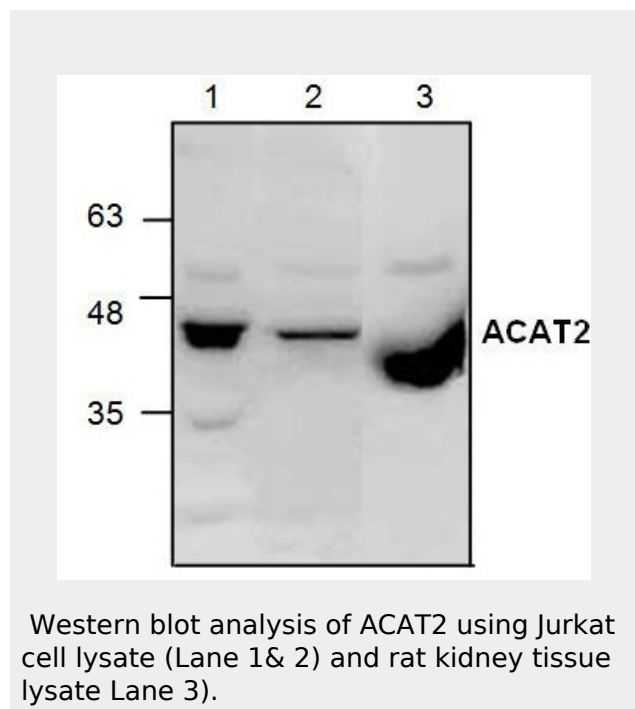
**Other Names**  
Acetyl-CoA acetyltransferase cytosolic

**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



**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.

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](#)