

ACAT2 Polyclonal Antibody

CATALOG NO:	3254-30T	30 µg (Trial size)
	3254-100	100 µg
IMMUNOGEN:	Synthetic peptide surrounding amino acid 74 of mouse ACAT2	
INTERNAL ID#:	BV-K86	
HOST:	Rabbit	
SPECIES REACTIVITY:	human, mouse, rat	

FORMULATION:

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.

STORAGE CONDITIONS:

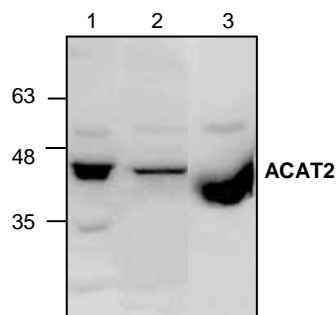
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

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.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3254BP-50) is available separately.



Cat. #: 3254-100 ACAT2 Antibody.
Western blot analysis of ACAT2 using Jurkat cell lysate (Lane 1 & 2) and rat kidney tissue lysate Lane 3).

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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Monoclonal and Polyclonal Antibodies