

ACAT1 Polyclonal Antibody

CATALOG #: 3245-100

AMOUNT: 100 µg

LOT #: _____

IMMUNOGEN: Synthetic peptide surrounding amino acid 251 of rat ACAT1

INTERNAL ID#: BV-K84

HOST: Rabbit

SPECIES REACTIVITY: human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-ACAT1 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:

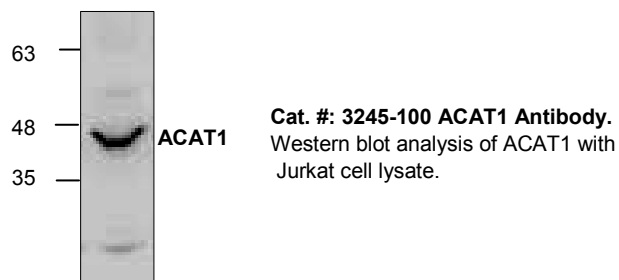
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Acetyl-Coenzyme A acetyltransferase 1 (ACAT1) is a mitochondrial enzyme that catalyzes the formation of cholesterol esters from cholesterol and long chain fatty acyl-coenzyme A. ACAT1 may play an important role in the development of atherosclerosis due to cholesterol buildup in macrophage.

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.# 3245BP-50) is available separately.



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

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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

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

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- LDH-Cytotoxicity Assay Kit
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