

ACAT1 Antibody

Acetyl-coa Acetyltransferase Precursor

CATALOG NO.: 48-740

HOST: Rabbit

CLONALITY: Polyclonal

INFORMATION:

The ACAT1 mRNA encodes a mitochondrially localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. The ACAT gene spans approximately 27 kb and contains 12 exons interrupted by 11 introns. Defects in this gene are associated with the alpha-methylacetoaceticaciduria disorder, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone.

CONJUGATE: none

PHOSPHO-SPECIFIC: no

PURIFICATION: Immunoaffinity Chromatography

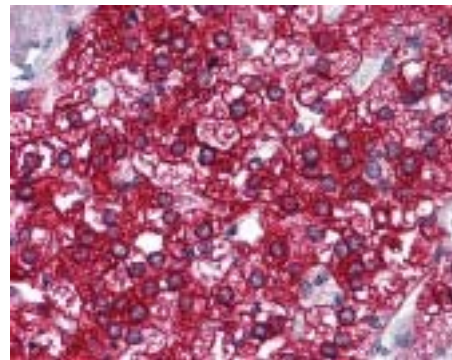
ISOTYPE: IgG

IMMUNOGEN: Antibody was raised against amino acids 6-23 of ACAT1. (Human)

SPECIES REACTIVITY: M, R, P

TESTED APPLICATION(S): WB, IHC, ICC

APPLICATION DETAILS: ACAT1 antibody can be used for detection of ACAT1 by ICC, WB, IHC-paraffin (5 µg/ml).



Immunohistochemistry staining of ACAT1 in adrenal (formalin-fixed paraffin-embedded) using ACAT1 antibody.

BUFFER: Antibody is supplied in TBS, pH 7.4, 0.5 mg/ml BSA, 0.02% sodium azide, 50% glycerol.

FORMULATION: Weight: 50 µg Concentration: 0.2 mg/ml

STORAGE: ACAT1 antibody can be stored at 4°C or -20°C, Avoid repeated freezing and thawing.

USER NOTES:

When working with antibodies, optimal dilutions and concentrations should be determined by the end user for each application. The information is provided as a guideline only. As with all ProSci antibodies, this antibody is **for research use only**.