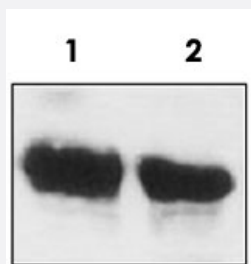


ACAT2 monoclonal antibody, clone AT2.G7

Catalog # MAB8767 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of ACAT2 monoclonal antibody, clone AT2.G7 (Cat # MAB8767) in 293 cells (Lane 1) and AC29 clls (Lane 2) transfected with human ACAT2 construct.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant ACAT2.

Immunogen Recombinant protein corresponding to N-terminus of human ACAT2.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A purification

Concentration 1 ug/uL

Recommend Usage ELISA (1:2000-5000)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (0.05% sodium azide)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of ACAT2 monoclonal antibody, clone AT2.G7 (Cat # MAB8767) in 293 cells (Lane 1) and AC29 cells (Lane 2) transfected with human ACAT2 construct.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACAT2

Entrez GeneID [39](#)

Gene Name ACAT2

Gene Alias -

Gene Description acetyl-Coenzyme A acetyltransferase 2

Omim ID [100678](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is an enzyme involved in lipid metabolism, and it encodes cytosolic acetoacetyl-CoA thiolase. This 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. [provided by RefSeq]

Other Designations OTTHUMP00000017527|acetoacetyl Coenzyme A thiolase|cytosolic acetoacetyl-CoA thiolase

Pathway

- [Benzoate degradation via CoA ligation](#)
- [Butanoate metabolism](#)
- [Fatty acid metabolism](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)

- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Synthesis and degradation of ketone bodies](#)
- [Terpenoid backbone biosynthesis](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)

- [Obesity](#)
- [Werner syndrome](#)