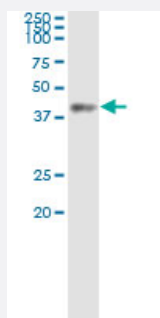


ACAT2 (Human) IP-WB Antibody Pair

Catalog # H00000039-PW2

Size 1 Set

Applications



Immunoprecipitation of ACAT2 transfected lysate using rabbit polyclonal anti-ACAT2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ACAT2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (84)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ACAT2 transfected lysate using rabbit polyclonal anti-ACAT2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ACAT2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ACAT2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-ACAT2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

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](#)