

DNAXPab

Hard-to-Find
Antibody

ACAT2 DNAXPab

Catalog # H00000039-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACAT2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MNAGSDPVVIVSAARTIIGSFNGALAAVPVQDLGSTVIKEVLKRATVAPEDVSEVIFGHVLAAGCG QNPVRQASVGAGIPYSVPAWSCQMICGSLKAVCLAVQSIGIGDSSIVAGGMENMSKAPHLAYL RTGVKIGEMPLTDSILCDGLTDAFHNCHEMGITAENVAKKWQVSREDQDKVAVLSQNRTEAQA GHFDKEIMPVLVSTRRLIEVKTDEFPRHGSNIEAMSKLPYFLTDGTGTVTPANASGINDGAAAV VLMKKSEADKRLTPLARIVSWSQVGVEPSIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEAFAAVS AAVKELGLNPEKVNIEGGAIALGHPLGASGCRILVTLHTLERMGRSRGVAALCIGGGMGIAMCVQ RE
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (84)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACAT2

Entrez GeneID [39](#)

GeneBank Accession# [BC000408.2](#)

Protein Accession# [AAH00408.1](#)

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](#)