

ACOT2 rabbit monoclonal antibody

Catalog # H00010965-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACOT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACOT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ACOT2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ACOT2

Entrez GeneID	10965
GeneBank Accession#	ACOT2
Gene Name	ACOT2
Gene Alias	Mte1, PTE2, ZAP128
Gene Description	acyl-CoA thioesterase 2
Omim ID	609972
Gene Ontology	Hyperlink
Gene Summary	Acyl-CoA thioesterases, such as ACOT2, are a group of enzymes that hydrolyze CoA esters, such as acyl-CoAs, bile CoAs, and CoA esters of prostaglandins, to the corresponding free acid and CoA (Hunt et al., 2005 [PubMed 16103133]).[supplied by OMIM]
Other Designations	mitochondrial acyl-CoA thioesterase 1 mitochondrial acyl-CoA thioesterase 2 ortholog of mouse peroxisomal acyl-CoA thioesterase lc peroxisomal long-chain acyl-coA thioesterase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)

Disease

- [Tobacco Use Disorder](#)