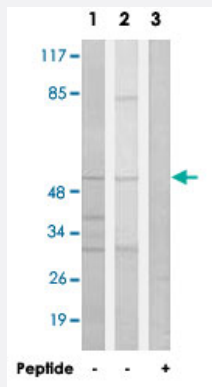# ACOT2 polyclonal antibody

Catalog #   PAB17595   Size   100 ug

Applications

Western Blot (Cell lysate)

Western blot analysis of extracts from Jurkat cells (Lane 1 and lane 3) and HUVEC cells (Lane 2), using ACOT2 polyclonal antibody (Cat # PAB17595). Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ACOT2.
Immunogen	A synthetic peptide corresponding to internal of human ACOT2.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total ACOT2 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:40000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
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 (Cell lysate)

  Western blot analysis of extracts from Jurkat cells (Lane 1 and lane 3) and HUVEC cells (Lane 2), using ACOT2 polyclonal antibody (Cat # PAB17595).
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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACOT2

Entrez GeneID	10965
Protein Accession#	P49753
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 Ic|peroxisomal long-chain acyl-coA thioesterase

Pathway

- Biosynthesis of unsaturated fatty acids

Disease

- Tobacco Use Disorder