

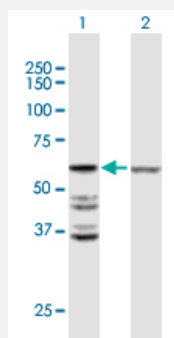
MaxPab®

ACOT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010965-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACOT2 expression in transfected 293T cell line ([H00010965-T02](#)) by ACOT2 MaxPab polyclonal antibody.

Lane 1: ACOT2 transfected lysate (53.13 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACOT2 protein.

Immunogen

ACOT2 (ABM87405.1, 1 a.a. ~ 483 a.a) full-length human protein.

Sequence

MSNKLLSPHPHSVVL RSEFKMASSPAVL RASRLYQWSLKSSAQFLGSPQLRQVGQII RVPARMA
ATLILEPAGRC CWDEPVRI AVRGLAPEQPVT LRASLRDEKGALFQAHARYRADTLGELDLERAPA
LGGSFAGLEPMGLLWALEPEKPLVRLVKRDVRTPLAVELEVLDGHDPDPGRLLCQTRHERYFLP
PGVRREPVRVGRVRGTLFLPPEPGPFPGVDMFGTGGGLLEYRASLLAGKGFAYMALAYNYEDL
PKTMETLHLEYFEEAMNYLLSHPEVKGPVGVLGISKGGELCLSMASFLKGITAAVVINGSVANVG
GTLRYKGETLPPVGVN RNRKIVTKDGYADMV LNSPLEGPDQKSFIPVERAESTFLFLVGQDDHN
WKSEFYANEACKRLQAHGRRKPQIICYPETGHYIEPPYFPLCRASLHALVGSP I IWGGEPRAHVMA
QVDAWKQLQTFFHKHLGGHEGTIPSEV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (74); Rat (74)

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.

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[Protocol Download](#)

Gene Info — ACOT2

Entrez GeneID[10965](#)**GeneBank Accession#**[DQ896406.2](#)**Protein Accession#**[ABM87405.1](#)**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](#)