

Rabbit ACOT2 Polyclonal Antibody | anti-ACOT2 antibody

ACOT2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199098	Rabbit	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat	Western Blot

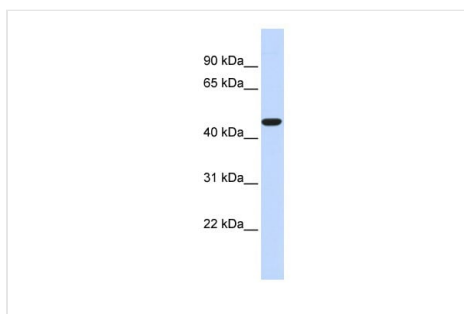
PRODUCT SYNONYMS

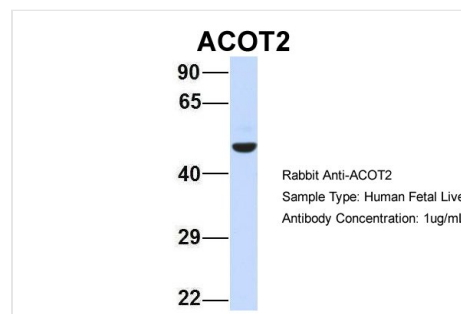
ACOT2; Polyclonal Antibody; ACOT2 antibody - middle region; anti-ACOT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SP LEGPDQKSF I PVERAESTFL FLVGQDDHNW KSEFYANEAC KRLQAHGR
Sequence Length	483
Applicable Applications for anti-ACOT2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACOT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ACOT2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Human heart

WB (Western Blot)

Host: Rabbit
Target Name: ACOT2
Sample Type: Human Fetal Liver
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT2 antibody	This is a rabbit polyclonal antibody against ACOT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.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]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-7 CR610624.1 1-7 8-1155 BC006335.2 1-1148 1156-1767 L40401.1 468-1079
Product Categories/Family for anti-ACOT2 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727286
NCBI GeneID	10965
NCBI Accession #	NP_006812
NCBI GenBank Nucleotide #	NM_006821
UniProt Accession #	P49753
Molecular Weight	53kDa
NCBI Official Full Name	acyl-coenzyme A thioesterase 2, mitochondrial isoform 1
NCBI Official Synonym Full Names	acyl-CoA thioesterase 2
NCBI Official Symbol	ACOT2
NCBI Official Synonym Symbols	MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128
NCBI Protein Information	acyl-coenzyme A thioesterase 2, mitochondrial
UniProt Protein Name	Acyl-coenzyme A thioesterase 2, mitochondrial
UniProt Gene Name	ACOT2
UniProt Synonym Gene Names	PTE2; PTE2A; Acyl-CoA thioesterase 2
UniProt Entry Name	ACOT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.