

Product datasheet for **TA346440**

acyl CoA Thioesterase 2 (ACOT2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACOT2 antibody: synthetic peptide directed towards the middle region of human ACOT2. Synthetic peptide located within the following region: SPLEGPDQKSFIPVERAESTFLFLVGQDDHNWKSEFYANEACKRLQAHGR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	acyl-CoA thioesterase 2
Database Link:	NP_006812 Entrez Gene 10965 Human P49753



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Background:

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

Synonyms:

CTE-IA; CTE1A; MTE1; PTE2; PTE2A; ZAP128

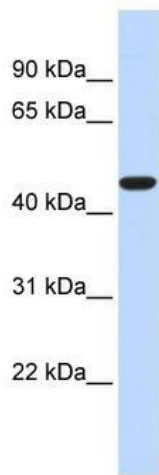
Note:

Immunogen Sequence Homology: Horse: 100%; Human: 100%; Bovine: 100%; Dog: 93%; Rat: 92%; Mouse: 92%; Rabbit: 92%

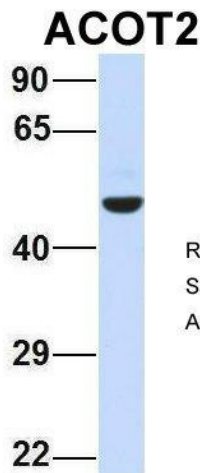
Protein Pathways:

Biosynthesis of unsaturated fatty acids

Product images:



WB Suggested Anti-ACOT2 Antibody Titration:
 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human heart



Rabbit Anti-ACOT2
 Sample Type: Human Fetal Liver
 Antibody Concentration: 1ug/mL

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