

## Product datasheet for **TA362154**

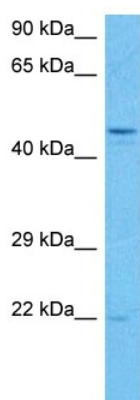
### ACOT1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ACOT1
Specificity:	<b>Expected reactivity:</b> Human
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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	46 kDa
Gene Name:	acyl-CoA thioesterase 1
Database Link:	<a href="#">NP_001032238.1</a> <a href="#">Entrez Gene 641371 Human</a> <a href="#">Q86TX2</a>
Background:	Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active towards fatty acyl-CoA with chain-lengths of C12-C16 (By similarity).
Synonyms:	ACH2; CTE-1; CTE-I; CTE-Ib; CTE1; LACH2
Protein Pathways:	Biosynthesis of unsaturated fatty acids



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**Product images:**

Host: Rabbit  
Target Name: ACOT1  
Sample Type: A549 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: ACOT1  
Sample Tissue: Human A549 Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml