Product Name: ACOT1 Rabbit Polyclonal Antibody
Catalog #: APRab06513

Summary

Production Name	ACOT1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,WB,IHC
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ACOT1
Alternative Names	ACOT1; CTE1; Acyl-coenzyme A thioesterase 1; Acyl-CoA thioesterase 1; CTE-I; CTE-Ib; Inducible cytosolic acyl-coenzyme A thioester hydrolase; Long chain acyl-CoA thioester hydrolase; Long chain acyl-CoA hydrolase
Gene ID	641371.0
SwissProt ID	Q86TX2.The antiserum was produced against synthesized peptide derived from human ACOT1. AA range:91-140

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.

Product Name: ACOT1 Rabbit Polyclonal Antibody
Catalog #: APRab06513

Molecular Weight 46kD

Background

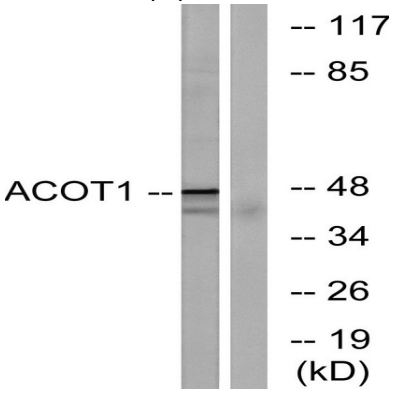
catalytic activity:Palmitoyl-CoA + H(2)O = CoA + palmitate.,function:Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active towards fatty acyl-CoA with chain-lengths of C12-C16.,similarity:Belongs to the C/M/P thioester hydrolase family.,subunit:Monomer.,catalytic activity:Palmitoyl-CoA + H(2)O = CoA + palmitate.,function: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.,similarity:Belongs to the C/M/P thioester hydrolase family.,subunit:Monomer.,

Research Area

Biosynthesis of unsaturated fatty acids;

Image Data

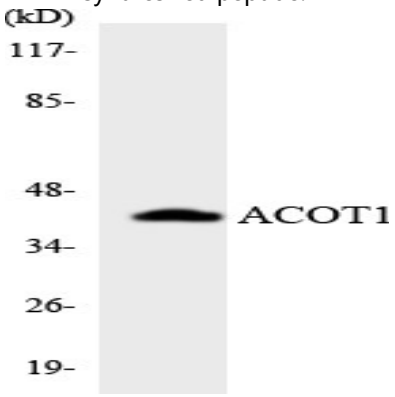
Immunofluorescence analysis of MCF7 cells, using ACOT1 Antibody. The picture on the right is blocked with the synthesized peptide.



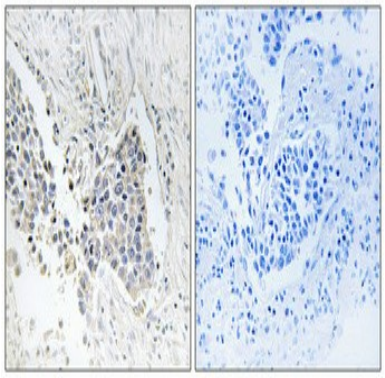
Western blot analysis of lysates from Jurkat cells, using ACOT1 Antibody. The lane on the right is blocked with the

Product Name: ACOT1 Rabbit Polyclonal Antibody
Catalog #: APRab06513

synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using ACOT1 antibody.



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100（4°,overnight）. High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl （right） obtaned from antibody was pre-absorbed by immunogen peptide.

Note

For research use only.