



ACOT1 Polyclonal Antibody

Catalog No	YP-Ab-02468
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ACOT1
Immunogen	The antiserum was produced against synthesized peptide derived from human ACOT1. AA range:91-140
Specificity	ACOT1 Polyclonal Antibody detects endogenous levels of ACOT1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACOT2;ACOT1;acyl CoA thioesterase 2;Acyl-CoA thioesterase 2;Acyl-coenzyme A thioester hydrolase 2a;Acyl-coenzyme A thioesterase 1;CTE1;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
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Neuroblastoma,
Function	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.,



Background

catalytic activity: Palmitoyl-CoA + H₂O = 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.,

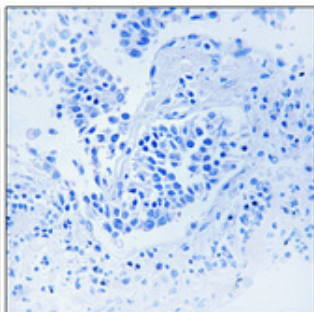
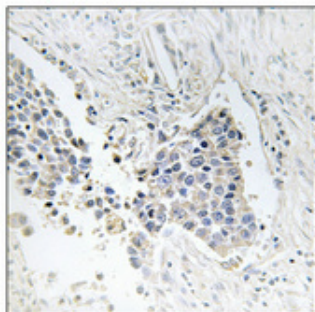
matters needing attention

Avoid repeated freezing and thawing!

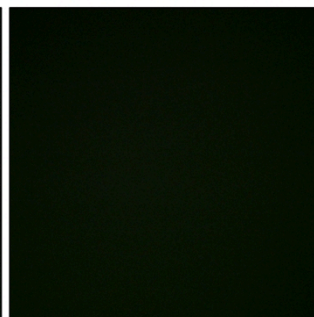
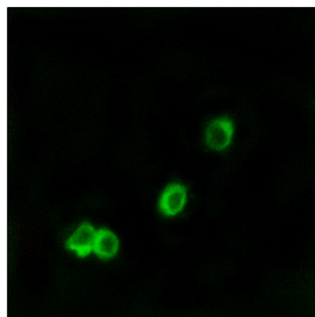
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

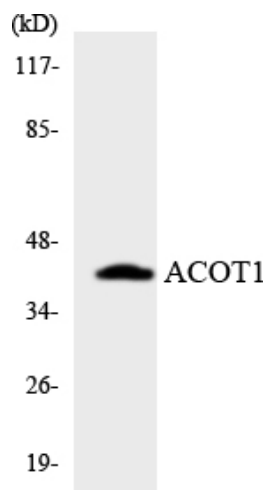


Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



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 synthesized peptide.



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