Best Tools for immunology Research

ACOT12 Polyclonal Antibody

Catalog No :	YT0086
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	ACOT12
Fields :	>>Pyruvate metabolism;>>Metabolic pathways
Gene Name :	ACOT12
Protein Name :	Acyl-coenzyme A thioesterase 12
Human Gene Id :	134526
Human Swiss Prot No :	Q8WYK0
Mouse Gene Id :	74156
Mouse Swiss Prot No :	Q9DBK0
Rat Gene Id :	170570
Rat Swiss Prot No :	Q99NB7
Immunogen :	The antiserum was produced against synthesized peptide derived from human ACOT12. AA range:281-330
Specificity :	ACOT12 Polyclonal Antibody detects endogenous levels of ACOT12 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 62kD

Cell Pathway : Pyruvate metabolism;

Background : catalytic activity:Acetyl-CoA + H(2)O = CoA + acetate.,function:Hydrolyzes acetyl-CoA to acetate and CoA.,pathway:Carbohydrate metabolism; pyruvate metabolism.,similarity:Contains 1 START domain.,similarity:Contains 2 acyl coenzyme A hydrolase domains.,subunit:Homodimer or homotetramer.,

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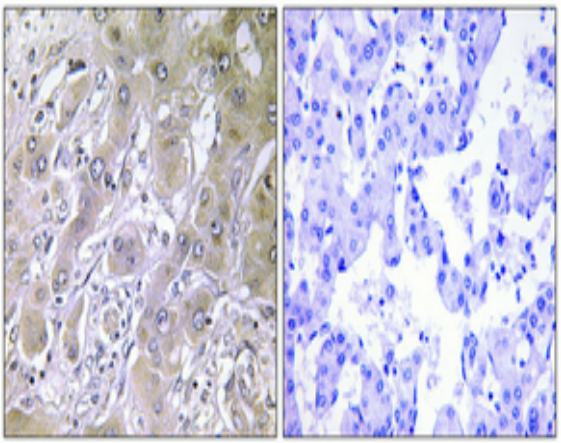
Subcellular Location : Cytoplasm, cytosol .

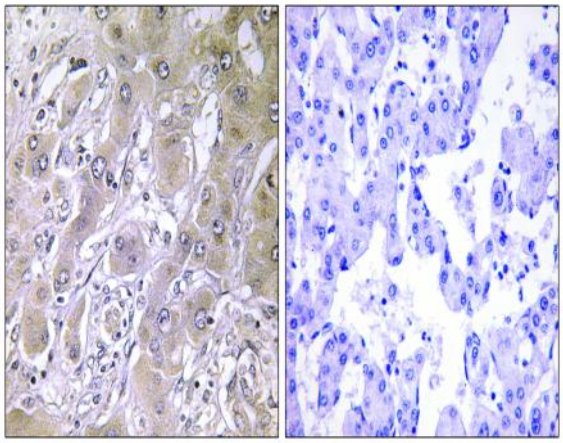
Expression : Chondrosarcoma Lung Metastasis,Liver,

Products Images



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.

Immunofluorescence analysis of A549 cells, using ACOT12 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using ACOT12 Antibody. The picture on the right is blocked with the synthesized peptide.