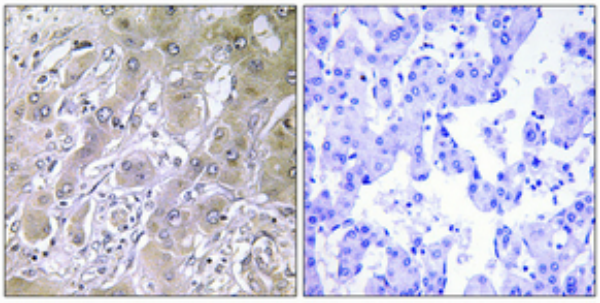
ACOT12 Polyclonal Antibody

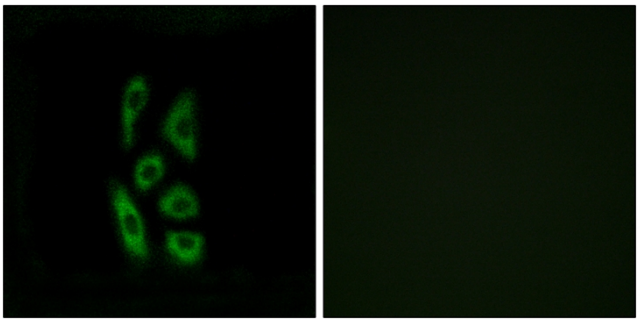
Catalog No	BYab-02469
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	ACOT12
Protein Name	Acyl-coenzyme A thioesterase 12
Immunogen	The antiserum was produced against synthesized peptide derived from human ACOT12. AA range:281-330
Specificity	ACOT12 Polyclonal Antibody detects endogenous levels of ACOT12 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	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	ACOT12; CACH; CACH1; STARD15; Acyl-coenzyme A thioesterase 12; Acyl-CoA thioesterase 12; Acyl-CoA thioester hydrolase 12; Cytoplasmic acetyl-CoA hydrolase 1; CACH-1; hCACH-1; START domain-containing protein 15; StARD15
Observed Band	
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Chondrosarcoma Lung Metastasis,Liver,
Function	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.,
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.,
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.

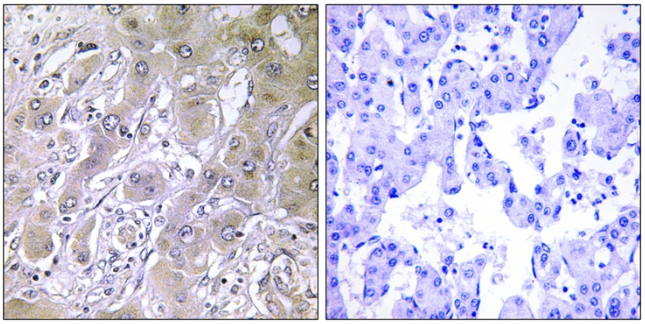
Products Images



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,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.