

产品名称: ACOT2 Rabbit Polyclonal Antibody
产品货号: APRab06515



产品概述 (Summary)

产品名称 (Production Name)	ACOT2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ACOT2
别名 (Alternative Names)	ACOT2; PTE2; PTE2A; Acyl-coenzyme A thioesterase 2; mitochondrial; Acyl-CoA thioesterase 2; Acyl-coenzyme A thioester hydrolase 2a; CTE-1a; Long-chain acyl-CoA thioesterase 2; ZAP128
基因 ID (Gene ID)	10965.0
蛋白 ID (SwissProt ID)	P49753.The antiserum was produced against synthesized peptide derived from human ACOT2. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	53kDa

产品名称: ACOT2 Rabbit Polyclonal Antibody
产品货号: APRab06515



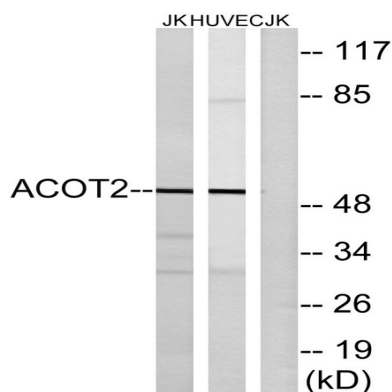
研究背景 (Background)

This gene encodes a member of the acyl-CoA thioesterase protein family, and is one of four acyl-CoA hydrolase genes located in a cluster on chromosome 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012], catalytic activity: Palmitoyl-CoA + H₂O = CoA + palmitate., caution: Was originally (PubMed:10944470) thought to be peroxisomal but was later shown (PubMed:16940157) to be mitochondrial., 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. Displays high levels of activity on medium- and long chain acyl CoAs., similarity: Belongs to the C/M/P thioester hydrolase family., tissue specificity: Strongest expression in heart, liver, muscle and kidney. Weak in placenta and pancreas.,

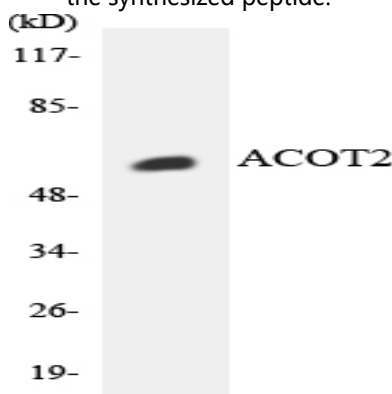
研究领域 (Research Area)

Biosynthesis of unsaturated fatty acids;

图片 (Image Data)

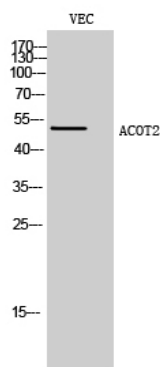


Western blot analysis of lysates from Jurkat and HUVEC cells, using ACOT2 Antibody. The lane on the right is blocked with the synthesized peptide.

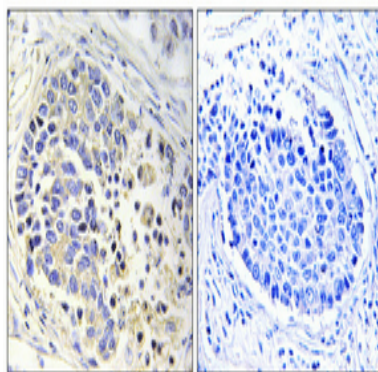


Western blot analysis of the lysates from HepG2 cells using ACOT2 antibody.

产品名称: ACOT2 Rabbit Polyclonal Antibody
产品货号: APRab06515



Western Blot analysis of VEC cells using ACOT2 Polyclonal Antibody diluted at 1: 500



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. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .