

产品名称: ACOT4 Rabbit Polyclonal Antibody
产品货号: APRab06516



产品概述 (Summary)

产品名称 (Production Name)	ACOT4 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)	ACOT4 ACOT4; PTE2B; PTE1B; Acyl-coenzyme A thioesterase 4; Acyl-CoA thioesterase 4; PTE-2b; Peroxisomal acyl coenzyme A thioester hydrolase 1b; Peroxisomal long-chain acyl-CoA thioesterase 1b; PTE-1b
别名 (Alternative Names)	
基因 ID (Gene ID)	122970.0
蛋白 ID (SwissProt ID)	Q8N9L9.The antiserum was produced against synthesized peptide derived from human ACOT4. AA range:361-410

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

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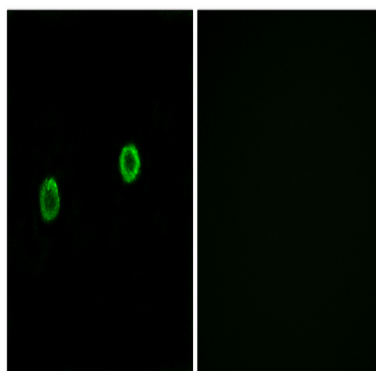
研究背景 (Background)

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., similarity: Belongs to the C/M/P thioester hydrolase family., 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., similarity: Belongs to the C/M/P thioester hydrolase family.,

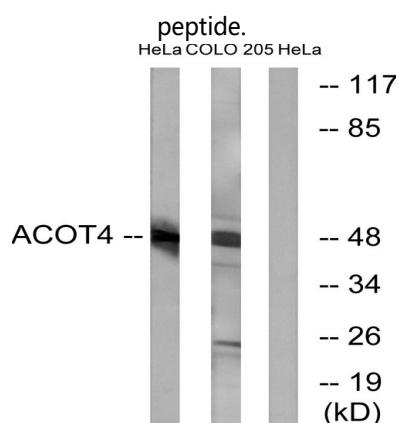
研究领域 (Research Area)

Biosynthesis of unsaturated fatty acids;

图片 (Image Data)

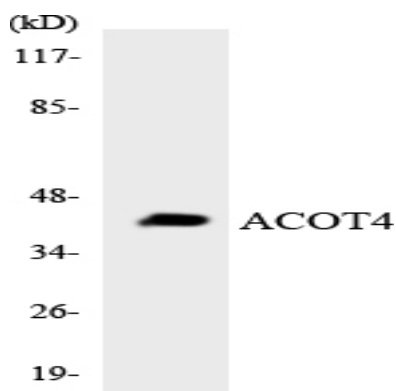


Immunofluorescence analysis of MCF7 cells, using ACOT4 Antibody. The picture on the right is blocked with the synthesized

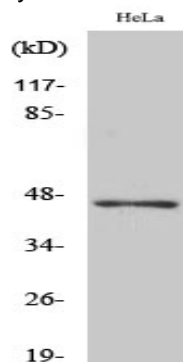


Western blot analysis of lysates from HeLa and COLO cells, using ACOT4 Antibody. The lane on the right is blocked with the synthesized peptide.

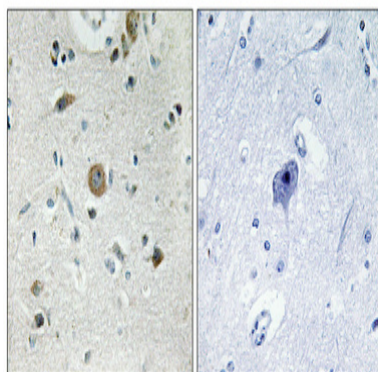
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Western blot analysis of the lysates from COLO205 cells using ACOT4 antibody.



Western Blot analysis of various cells using ACOT4 Polyclonal Antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Human brain. 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.

注意事项 (Note)

For research use only .