

产品名称: ACSL6 Rabbit Polyclonal Antibody

产品货号: APRab06535

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
分子量(Molecular Weight)	78kDa

抗原信息(Antigen Information)

基因名(Gene Name)	ACSL6
别名(Alternative Names)	ACSL6; ACS2; FACL6; KIAA0837; LACS5; Long-chain-fatty-acid--CoA ligase 6; Long-chain acyl-CoA synthetase 6; LACS 6
基因 ID(Gene ID)	23305.0
SwissProt ID	Q9UKU0
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human ACSL6. AA range:499-548

研究背景 (Background)

The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a

cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2011],catalytic activity:ATP + a long-chain carboxylic acid + CoA = AMP + diphosphate + an acyl-CoA,cofactor:Magnesium,developmental stage:Expression is low at earlier stages of erythroid development but is very high in reticulocytes,disease:A chromosomal aberration involving ACSL6 may be a cause of acute eosinophilic leukemia (AEL). Translocation t(5;12)(q31;p13) with ETV6,disease:A chromosomal aberration involving ACSL6 may be a cause of acute myelogenous leukemia with eosinophilia. Translocation t(5;12)(q31;p13) with ETV6,disease:A chromosomal aberration involving ACSL6 may be a cause of myelodysplastic syndrome with basophilia. Translocation t(5;12)(q31;p13) with ETV6,function:Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Plays an important role in fatty acid metabolism in brain and the acyl-CoAs produced may be utilized exclusively for the synthesis of the brain lipid,similarity:Belongs to the ATP-dependent AMP-binding enzyme family,tissue specificity:Expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood cells derived from fetal liver, haemopoietic stem cells from cord blood, bone marrow, and brain.,

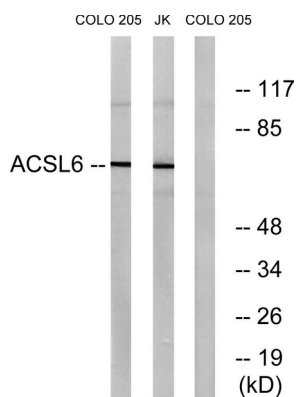
研究领域 (Research Area)

Fatty acid metabolism;PPAR;Adipocytokine;

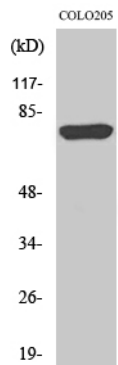
注意事项 (Note)

For research use only.

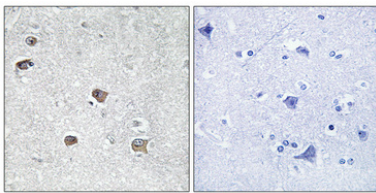
图片 (Image Data)



Western blot analysis of lysates from COLO and Jurkat cells, using ACSL6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ACSL6 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, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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