

产品名称: ACSL6 Rabbit Polyclonal Antibody
产品货号: APRab06535



产品概述 (Summary)

产品名称 (Production Name)	ACSL6 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,Mouse,Rat

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)	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
蛋白 ID (SwissProt ID)	Q9UKU0.The antiserum was produced against synthesized peptide derived from human ACSL6. AA range:499-548

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
蛋白分子量 (Molecular Weight)	78kDa

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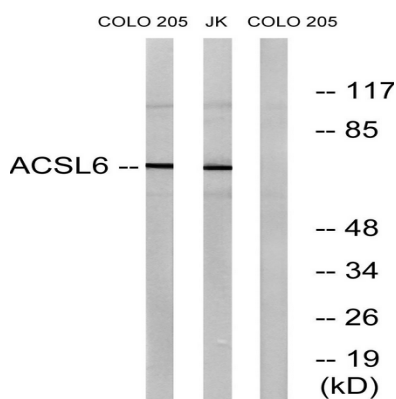
研究背景 (Background)

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)

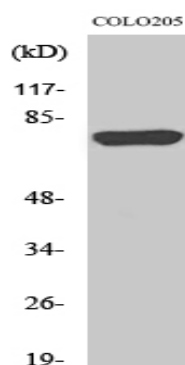
Fatty acid metabolism;PPAR;Adipocytokine;

图片 (Image Data)

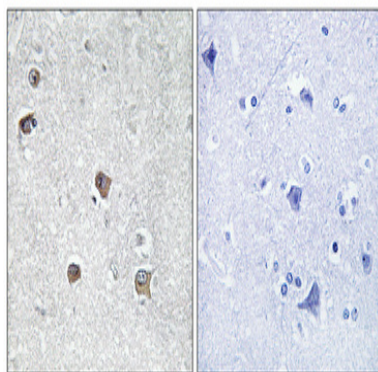


Western blot analysis of lysates from COLO and Jurkat cells, using ACSL6 Antibody. The lane on the right is blocked with the synthesized peptide.

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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, 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 .