

产品名称: FACL4 (17M4) Rabbit Monoclonal Antibody
产品货号: AMRe10779



产品概述 (Summary)

产品名称 (Production Name)	FACL4 (17M4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ACSL4 ACS4; Acsl4; acyl CoA synthetase 4; FACL4; Fatty acid Coenzyme A ligase;
别名 (Alternative Names)	LACS4; Long chain 4; long chain fatty acid Coenzyme A ligase 4; MRX63; MRX68;
基因 ID (Gene ID)	2182.0
蛋白 ID (SwissProt ID)	O60488.Recombinant protein of human FACL4

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:20-1:50
蛋白分子量 (Molecular Weight)	79kDa

产品名称: FA4L4 (17M4) Rabbit Monoclonal Antibody
产品货号: AMRe10779



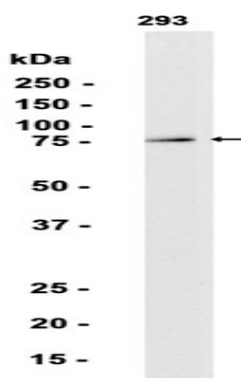
研究背景 (Background)

Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates. Catalyzes the conversion of long-chain fatty acids to their active form acyl-CoA for both synthesis of cellular lipids, and degradation via beta-oxidation (PubMed:24269233, PubMed:22633490, PubMed:21242590). Preferentially activates arachidonate and eicosapentaenoate as substrates (PubMed:21242590). Preferentially activates 8,9-EET > 14,15-EET > 5,6-EET > 11,12-EET. Modulates glucose-stimulated insulin secretion by regulating the levels of unesterified EETs (By similarity). Modulates prostaglandin E2 secretion (PubMed:21242590).

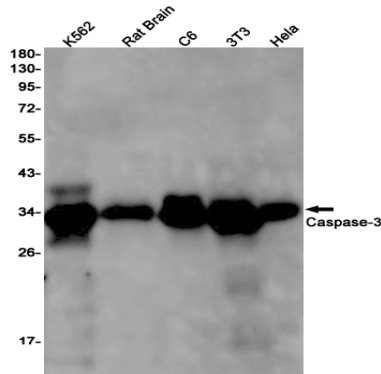
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of extracts from 293 cells using RM6622 at 1:1000.



Western blot detection of Caspase-3 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using Caspase-3 antibody (1:1000 diluted)

产品名称: FACL4 (17M4) Rabbit Monoclonal Antibody
产品货号: AMRe10779



注意事项 (Note)

For research use only .