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FACL4 (YD14048) Rabbit mAb

货号: AYD13350

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	**WB: 1:1000-1:10000:** **IHC-P: 1:100-1:300:** **ICC/IF: 1:100-1:300:** **FC: 1:10-1:100:** **IP: 1:10-1:100:**
理论分子量	79kDa
实测分子量	79 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HepG2,Mouse liver,Rat liver
细胞定位	Mitochondrion outer membrane, Endoplasmic reticulum membrane, Cell membrane
纯化	亲和纯化

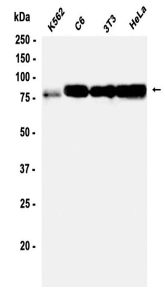
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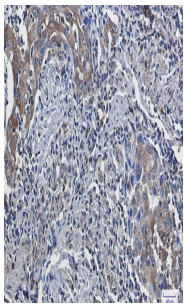
靶点信息

研究背景	The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Alt hough differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of thi s family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially utilizes arachidonate as substrate. Th e absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splici ng of this gene generates multiple transcript variants.
基因ID	2182
基因名	ACSL4
Swiss	O60488 (https://www.uniprot.org/uniprotkb/O60488/entry)
别名	FACL4 (YD14048),FACL4 (YD14048) Rabbit mAb,ACSL4,Arachidonate--CoA ligase,Long-chain acyl-CoA syn thetase 4,ACS4,FACL4,LACS4

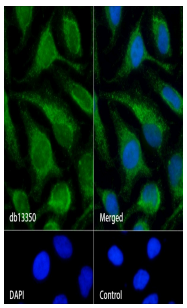
产品验证



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells using AYD13350 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using AYD13350 antibody.



Immunofluorescence analysis of HeLa cells labelling FACL4 with AYD13350 The cells were fixed with 4% P FA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% nor mal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with AYD13350 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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