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ELOVL2 Rabbit pAb

货号: **AYP21044**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	
实测分子量	38kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,HepG2,Rat testis
细胞定位	endoplasmic reticulum
纯化	Affinity purification

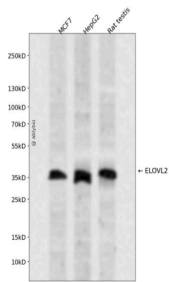
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 247-296 of human ELOVL2 (NP_060240.3).
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靶点信息

研究背景	Catalyzes the first and rate-limiting reaction of the four reactions that constitute the long-chain fatty acid s elongation cycle. This endoplasmic reticulum-bound enzymatic process allows the addition of 2 carbons to the chain of long- and very long-chain fatty acids (VLCFAs) per cycle. Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid (C20- and C22-PUFA, acting specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6 acyl-CoA. May participate in the production of polyunsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.
基因ID	54898
基因名	ELOVL2
Swiss	Q9NXXB9 (https://www.uniprot.org/uniprotkb/Q9NXXB9/entry)
别名	SSC2,ELOVL2,ELOVL2 Rabbit pAb,3-keto acyl-CoA synthase ELOVL2,ELOVL fatty acid elongase 2,Elongation of very long chain fatty acids protein 2,Very long chain 3-ketoacyl-CoA synthase 2,Very long chain 3-oxo acyl-CoA synthase 2,ELG3

产品验证



Western blot analysis of ELOVL2 expressed in MCF7,HepG2,Rat testis using ELOVL2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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