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# ELOVL1 Antibody

货号: **ABY1055**

## 产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200
理论分子量	33kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.5.
偶联物	Unconjugated
阳性对照	
细胞定位	Endoplasmic reticulum membrane
纯化	亲和纯化

## 抗原信息

抗原信息	
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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 acids elongation cycle (PubMed:29496980, PubMed:30487246). 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 exhibits activity toward saturated and monounsaturated acyl-CoA substrates, with the highest activity towards C22:0 acyl-CoA. May participate in the production of both saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators. Important for saturated C24:0 and monounsaturated C24:1 sphingolipid synthesis (PubMed:20937905). Indirectly inhibits RPE65 via production of VLCFAs. .
基因ID	64834
基因名	ELOVL1
Swiss	Q9BW60
别名	3 keto acyl CoA synthase ELOVL1; 3-keto acyl-CoA synthase ELOVL1; CGI 88; Elongation of very long chain fatty acids (FEN1/Elo2 SUR4/Elo3 yeast) like 1; Elongation of very long chain fatty acids like 1; Elongation of very long chain fatty acids protein 1; ELOV1_HUMAN; ELOVL 1; ELOVL FA elongase 1; ELOVL fatty acid elongase 1; ELOVL1; Ssc1; Ssc1, mouse, homolog of; very long chain 3 oxoacyl CoA synthase 1; Very-long-chain 3-oxoacyl-CoA synthase 1;

## 产品验证

## 实验步骤

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