— ABLYBIO, Help Your Research

CPT1A (YD15731) Rabbit mAb

货号: AYD12347

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	**WB: 1:1000-1：2000:** **IHC-P: 1:100-1:800:** **ICC/IF: 1:100-1：500:** **FC: 1:200-1:500:** **IP: 1:20-1:50:**
理论分子量	88kDa
实测分子量	
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	Mouse heart
细胞定位	Mitochondrion outer membrane
纯化	亲和纯化

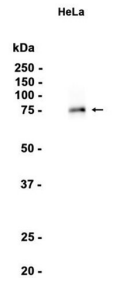
抗原信息

抗原信息	

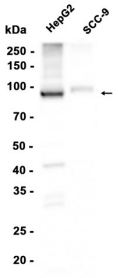
靶点信息

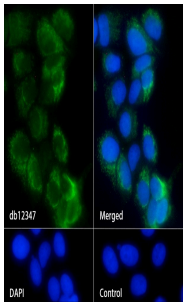
研究背景	The mitochondrial oxidation of long-chain fatty acids is initiated by the sequential action of carnitine palmitoyltransferase I (which is located in the outer membrane and is detergent-labile) and carnitine palmitoyl transferase II (which is located in the inner membrane and is detergent-stable), together with a carnitine-acylcarnitine translocase. CPT I is the key enzyme in the carnitine-dependent transport across the mitochondrial inner membrane and its deficiency results in a decreased rate of fatty acid beta-oxidation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	1374
基因名	CPT1A
Swiss	P50416 (https://www.uniprot.org/uniprotkb/P50416/entry)
别名	CPT1A (YD15731),CPT1A (YD15731) Rabbit mAb,CPT1A,Carnitine O-palmitoyltransferase I,liver isoform,Carnitine palmitoyltransferase 1A,Succinyltransferase CPT1A,CPT1

产品验证



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





Immunofluorescence analysis of MCF-7 cells labelling CPT1A with The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12347 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)