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CPT1A Rabbit pAb

货号: AYP11031

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IHC:** Human lung cancer cells , Homo sapiens , Mus musculus **WB:** Human lung cancer cells , Human bone marrow cancer cell , Homo sapiens , Sus scrofa , Mus musculus , Gallus gallus , Rattus norvegicus
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:100 - 1:500 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:500 - 1:1000
理论分子量	86kDa/88kDa
实测分子量	88KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart
细胞定位	Mitochondrion outer membrane,Multi-pass membrane protein
纯化	Affinity purification

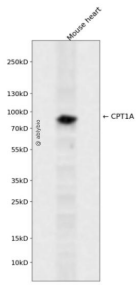
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 520-720 of human CPT1A (NP_001867.2).

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,CPT1,CPT1-L,L-CPT1,CPT1A Rabbit pAb,Carnitine O-palmitoyltransferase I,liver isoform,Carnitine palmitoyltransferase 1A,Succinyltransferase CPT1A

产品验证



Western blot analysis of CPT1A expressed in Mouse heart using CPT1A 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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