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COQ3 Rabbit pAb

货号: **AYP16332**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	41kDa
实测分子量	32kDa/41kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NCI-H460,MCF7,Mouse liver,Mouse brain,Mouse heart,Mouse kidney,Rat liver
细胞定位	Matrix side,Mitochondrion inner membrane,Peripheral membrane protein
纯化	Affinity purification

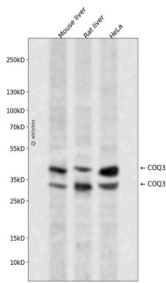
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 50-369 of human COQ3 (NP_059117.3).
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靶点信息

研究背景	Ubiquinone, also known as coenzyme Q, or Q, is a critical component of the electron transport pathways of both eukaryotes and prokaryotes (Jonassen and Clarke, 2000 [PubMed 10777520]). This lipid consists of a hydrophobic isoprenoid tail and a quinone head group. The tail varies in length depending on the organism, but its purpose is to anchor coenzyme Q to the membrane. The quinone head group is responsible for the activity of coenzyme Q in the respiratory chain. The <i>S. cerevisiae</i> COQ3 gene encodes an O-methyl transferase required for 2 steps in the biosynthetic pathway of coenzyme Q. This enzyme methylates an early coenzyme Q intermediate, 3,4-dihydroxy-5-polyprenylbenzoic acid, as well as the final intermediate in the pathway, converting demethyl-ubiquinone to coenzyme Q. The COQ3 gene product is also capable of methylating the distinct prokaryotic early intermediate 2-hydroxy-6-polyprenyl phenol.[supplied by OMIM, Mar 2008]
基因ID	51805
基因名	COQ3
Swiss	Q9NZJ6 (https://www.uniprot.org/uniprotkb/Q9NZJ6/entry)
别名	COQ3,DHHBMT,DHHBMTASE,UG0215E05,bA9819.1,coenzyme Q3,COQ3 Rabbit pAb,3-demethylubiquinol 3-O-methyltransferase,3-demethylubiquinone 3-O-methyltransferase,Polyprenyldihydroxybenzoate methyltransferase

产品验证



Western blot analysis of COQ3 expressed in Mouse liver,Rat liver,HeLa using COQ3 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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