

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

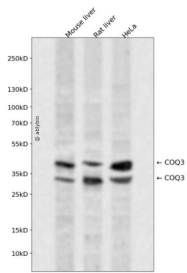
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 50-369 of human COQ3 (NP_059117.3).
序列	PGVFNEYRTIWFKSYRTIFSLNRIKSFYRYPWARLYSTSQTTVDSGEVKTFLALAHKWWDEQGVYAPLHSMNDLRVPFIRD NLLKTIPNHQPGKPLLGMKILDVGC GG L L T E P L G R L G A S V I G I D P V D E N I K T A Q C H K S F D P V L D K R I E Y R V C S L E E I V E E T A E T F D A V V A S E V V E H V I D L E T F L Q C C C Q V L K P G G S L F I T T I N K T Q L S Y A L G I V F S E Q I A S I V P K G T H T W E K F V S P E T L E S I L E S N G L S V Q T V V G M L Y N P F S G Y W H W S E N T S L N Y A A Y A V K S R V Q E H P A S A E F V L K G E T E E L Q A N A C T N P A V H E K L K K

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-methyltransferase 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 OMI M, Mar 2008]
基因ID	51805
基因名	COQ3
Swiss	Q9NZJ6
别名	COQ3;DHHBMT;DHHBMTASE;UG0215E05;bA9819.1;coenzyme Q3

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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