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Cytochrome P450 11A1 Antibody

货号: ABY1075

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	**WB:** 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200
理论分子量	60kDa
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,pH7.5.
偶联物	Unconjugated
阳性对照	HeLa,Mouse testis,Mouse ovary,Mouse kidney,Rat testis
细胞定位	Mitochondrion inner membrane
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the mitochondrial inner membrane and catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide.
基因ID	1583
基因名	CYP11A1
Swiss	P05108 (https://www.uniprot.org/uniprotkb/P05108/entry)
别名	Cholesterol 20 22 desmolase; Cholesterol desmolase; Cholesterol monooxygenase (side chain cleaving); Cholesterol side chain cleavage enzyme; Cholesterol side chain cleavage enzyme mitochondrial; Cholesterol side-chain cleavage enzyme; CP11A_HUMAN; CYP11A; CYP11A1; CYPXIA1; Cytochrome P450 11A1; Cytochrome P450 11A1 mitochondrial; Cytochrome P450 family 11 subfamily A polypeptide 1; Cytochrome P450 subfamily XIA; Cytochrome P450(scc); Cytochrome P450C11A1; mitochondrial; P450SCC; Steroid 20 22 lyase;

产品验证

实验步骤

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