



CYP11A1 Rabbit mAb

货号: **AYT1140**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	WB: 1:1000-1:5000 IHC 1:100-1:600: IF 1:100-1:500: IP 1:50-1:200:
理论分子量	60kDa
实测分子量	45KD-55kD
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse testis,Mouse ovary,Mouse kidney,Rat testis
细胞定位	Mitochondrion membrane
纯化	Affinity purification

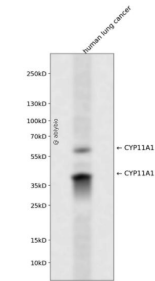
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 40-320 of human CYP11 A1 (NP_000772.2).
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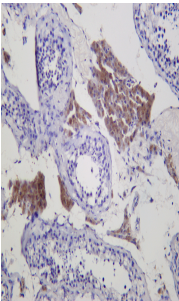
靶点信息

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	CYP11A1,CYP11A,CYPXIA1,P450SCC,cytochrome P450 family 11 subfamily A member 1,CYP11A1 Rabbit pAb,Cholesterol desmolase,Cytochrome P450 11A1,Cytochrome P450(scc)

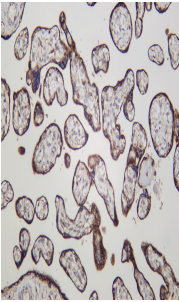
产品验证



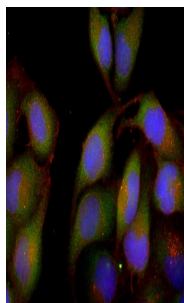
Western blot analysis of CYP11A1 expressed in human lung cancer using CYP11A1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Human testis was stained with anti-CYP11A1 Rabbit antibody 1:200



Human placenta was stained with anti-CYP11A1 Rabbit antibody,1:200



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab CYP11A1(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat. The nuclear counter stain is DAPI.

实验步骤

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