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# CYP11A1 Rabbit pAb

货号: **AYP11380**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus , Rattus norvegicus , Capra hircus <b>IF:</b> Paralichthys olivaceus <b>IHC:</b> Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:20 - 1:50 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	42kDa/60kDa
实测分子量	50KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,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

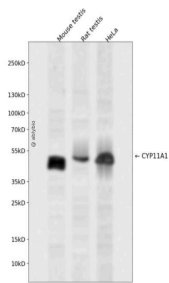
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 41-308 of CYP11A1 (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 ( <a href="https://www.uniprot.org/uniprotkb/P05108/entry">https://www.uniprot.org/uniprotkb/P05108/entry</a> )
别名	CYP11A1,CYP11A,CYPXIA1,P450SCC,CYP11A1 Rabbit pAb,Cholesterol desmolase,Cytochrome P450 11A1, Cytochrome P450(scc)

## 产品验证



Western blot analysis of CYP11A1 expressed in Mouse testis,Rat testis,HeLa 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.

## 实验步骤

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