

— ABLYBIO, Help Your Research



# CYP51A1 Rabbit pAb

货号: **AYP19308**

## 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	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	46kDa/56kDa
实测分子量	46kDa/56kDa
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	Mouse testis
细胞定位	Endoplasmic reticulum membrane, Microsome membrane
纯化	Affinity purification

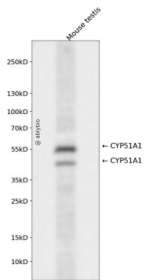
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 245-420 of CYP51A1 (N P_000777.1).
------	--

## 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 endoplasmic reticulum protein participates in the synthesis of cholesterol by catalyzing the removal of the 14 $\alpha$ -methyl group from lanosterol. Homologous genes are found in all three eukaryotic phyla, fungi, plants, and animals, suggesting that this is one of the oldest cytochrome P450 genes. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	1595
基因名	CYP51A1
Swiss	Q16850 ( <a href="https://www.uniprot.org/uniprotkb/Q16850/entry">https://www.uniprot.org/uniprotkb/Q16850/entry</a> )
别名	CYP51A1,CP51,CYP51,CYPL1,LDM,P450-14DM,P450L1,CYP51A1 Rabbit pAb,CYPLI,Cytochrome P450 51A1,Cytochrome P450-14DM,Cytochrome P450LI,Sterol 14- $\alpha$ demethylase

## 产品验证



Western blot analysis of CYP51A1 expressed in Mouse testis using CYP51A1 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)