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Cytochrome P450 17A1/CYP17A1 (YD16132) Rabbit mAb

货号: AYD13969

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC IP
推荐浓度	**WB: 1:1000-1:5000:** **IHC: 1:50-1：300:** **ICC/IF: 1:50-1：300:** **FC: 1:20:** **IP: 1:20:**
理论分子量	57kDa
实测分子量	57kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat testis
细胞定位	Endoplasmic reticulum membrane, Microsome membrane
纯化	亲和纯化

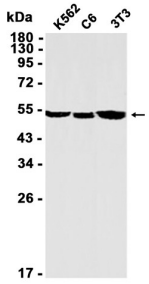
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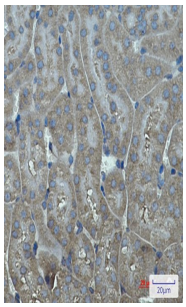
靶点信息

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 endoplasmic reticulum. It has both 17alpha-hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progestins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17 alpha-hydroxylase deficiency, 17-alpha-hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia.
基因ID	1586
基因名	CYP17A1
Swiss	P05093 (https://www.uniprot.org/uniprotkb/P05093/entry)
别名	Cytochrome P450 17A1/CYP17A1 (YD16132),Cytochrome P450 17A1/CYP17A1 (YD16132) Rabbit mAb,CYP17A1,17-alpha-hydroxyprogesterone aldolase,CYPXVII,Cytochrome P450 17A1,Cytochrome P450-C17,Steroid 17-alpha-monooxygenase,CYP17,S17AH

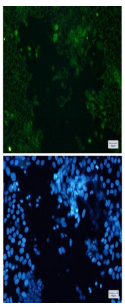
产品验证



Western blot analysis of extracts from K562, C6, 3T3 cells using AYD13969 at 1:1000.



Immunohistochemical analysis of paraffin-embedded mouse kidney using AYD13969 antibody.



Immunofluorescence analysis of HeLa cells labelling Cytochrome P450 17A1 with AYD13969 The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with AYD13969 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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