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Aromatase Rabbit mAb

货号: AYM29968

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	**WB:** 1:500 - 1:2000 **IP:** 1:20 - 1:50
理论分子量	24kDa/57kDa
实测分子量	53kDa
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	HeLa,Rat brain
细胞定位	Membrane,Peripheral membrane protein
纯化	Affinity purification

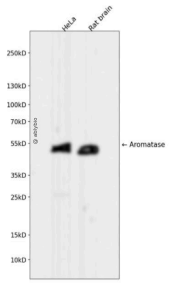
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Aromatase.

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 and catalyzes the last steps of estrogen biosynthesis. Mutations in this gene can result in either increased or decreased aromatase activity; the associated phenotypes suggest that estrogen functions both as a sex steroid hormone and in growth or differentiation. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities.
基因ID	1588
基因名	CYP19A1
Swiss	P11511 (https://www.uniprot.org/uniprotkb/P11511/entry)
别名	Aromatase,Aromatase Rabbit mAb,CYP19A1,CYPXIX,Cytochrome P-450AROM,Cytochrome P450 19A1,Estrogen synthase,ARO1,CYAR,CYP19

产品验证



Western blot analysis of Aromatase expressed in HeLa,Rat brain using Aromatase Rabbit mAb 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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