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CYB5R3 Rabbit mAb

货号: AYM30843

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	31kDa/34kDa/38kDa
实测分子量	34kDa
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	HepG2,HeLa,HT-1080,NIH/3T3,Mouse kidney,Mouse brain,Mouse liver,Rat liver
细胞定位	Cytoplasm,Cytoplasmic side,Endoplasmic reticulum membrane,Lipid-anchor,Mitochondrion outer membrane
纯化	Affinity purification

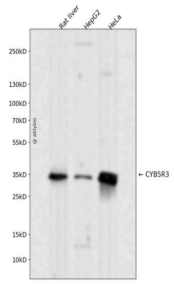
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CYB5R3.

靶点信息

研究背景	This gene encodes cytochrome b5 reductase, which includes a membrane-bound form in somatic cells (anchored in the endoplasmic reticulum, mitochondrial and other membranes) and a soluble form in erythrocytes. The membrane-bound form exists mainly on the cytoplasmic side of the endoplasmic reticulum and functions in desaturation and elongation of fatty acids, in cholesterol biosynthesis, and in drug metabolism. The erythrocyte form is located in a soluble fraction of circulating erythrocytes and is involved in methemoglobin reduction. The membrane-bound form has both membrane-binding and catalytic domains, while the soluble form has only the catalytic domain. Alternate splicing results in multiple transcript variants. Mutations in this gene cause methemoglobinemias.
基因ID	1727
基因名	CYB5R3
Swiss	P00387 (https://www.uniprot.org/uniprotkb/P00387/entry)
别名	CYB5R3,CYB5R3 Rabbit mAb,Diaphorase-1,DIA1

产品验证



Western blot analysis of CYB5R3 expressed in Rat liver,HepG2,HeLa using CYB5R3 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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