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P4HB (YD14529) Rabbit mAb

货号: **AYD14819**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC
推荐浓度	
理论分子量	57kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,HepG2,NIH/3T3,Mouse liver,Rat liver
细胞定位	Endoplasmic reticulum, Endoplasmic reticulum lumen, Melanosome, Cell membrane
纯化	亲和纯化

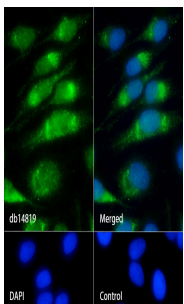
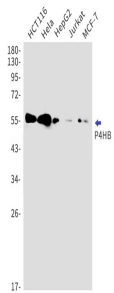
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靶点信息

研究背景	This gene encodes the beta subunit of prolyl 4-hydroxylase, a highly abundant multifunctional enzyme that belongs to the protein disulfide isomerase family. When present as a tetramer consisting of two alpha and two beta subunits, this enzyme is involved in hydroxylation of prolyl residues in procollagen. This enzyme is also a disulfide isomerase containing two thioredoxin domains that catalyze the formation, breakage and rearrangement of disulfide bonds. Other known functions include its ability to act as a chaperone that inhibits aggregation of misfolded proteins in a concentration-dependent manner, its ability to bind thyroid hormone, its role in both the influx and efflux of S-nitrosothiol-bound nitric oxide, and its function as a subunit of the microsomal triglyceride transfer protein complex.
基因ID	5034
基因名	P4HB
Swiss	P07237 (https://www.uniprot.org/uniprotkb/P07237/entry)
别名	P4HB (YD14529),P4HB (YD14529) Rabbit mAb,P4HB,Cellular thyroid hormone-binding protein,Prolyl 4-hydroxylase subunit beta,p55,ERBA2L,PDI,PDIA1,PO4DB

产品验证



实验步骤

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