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Peroxiredoxin 3 (YD32672) Rabbit mAb

货号: AYD11481

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB: 1:1000-1:10000:** **IHC-P: 1:100-1:500:** **FC: 1:100-1:1000:** **IP: 1:100-1:500:**
理论分子量	28kDa
实测分子量	28 kDa
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	U-87MG,HeLa,LO2,A-549,Mouse kidney
细胞定位	Mitochondrion, Cytoplasm, Early endosome
纯化	亲和纯化

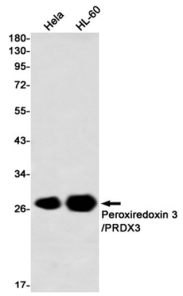
抗原信息

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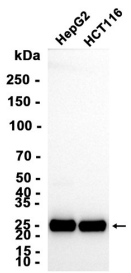
靶点信息

研究背景	This gene encodes a mitochondrial protein with antioxidant function. The protein is similar to the C22 sub unit of Salmonella typhimurium alkylhydroperoxide reductase, and it can rescue bacterial resistance to al kylhydroperoxide in E. coli that lack the C22 subunit. The human and mouse genes are highly conserved, and they map to the regions syntenic between mouse and human chromosomes. Sequence comparisons with recently cloned mammalian homologs suggest that these genes consist of a family that is responsibl e for the regulation of cellular proliferation, differentiation and antioxidant functions. This family member can protect cells from oxidative stress, and it can promote cell survival in prostate cancer. Alternative spli cing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chr omosomes 1, 3, 13 and 22.
基因ID	10935
基因名	PRDX3
Swiss	P30048 (https://www.uniprot.org/uniprotkb/P30048/entry)
别名	Peroxiredoxin 3 (YD32672),Peroxiredoxin 3 (YD32672) Rabbit mAb,PRDX3,Antioxidant protein 1,HBC189,P eroxiredoxin III,Peroxiredoxin-3,Protein MER5 homolog,Thioredoxin-dependent peroxiredoxin 3,AOP1

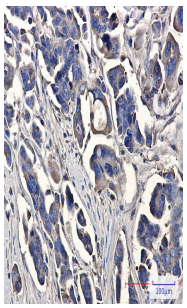
产品验证



Western blot analysis of extracts from HeLa, HL-60 cells using AYD11481 at 1:1000.



Western blot analysis of extracts from HepG2, HCT116 cells using AYD11481 at 1:5000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using AYD11481 antibo dy.

实验步骤

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