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Peroxiredoxin 3 Rabbit mAb

货号: AYM30120

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	25kDa/27kDa
实测分子量	26kDa
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
纯化	Affinity purification

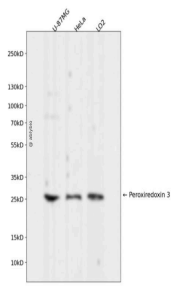
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Peroxiredoxin 3.

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,Peroxiredoxin 3 Rabbit mAb,PRDX3,Antioxidant protein 1,HBC189,Peroxiredoxin III,Peroxir edoxin-3,Protein MER5 homolog,Thioredoxin-dependent peroxiredoxin 3,AOP1

产品验证



Western blot analysis of Peroxiredoxin 3 expressed in U-87MG,HeLa,LO2 using Peroxiredoxin 3 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lan e. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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