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# Peroxioredoxin 5 Rabbit mAb

货号: **AYM29230**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	12kDa/17kDa/22kDa
实测分子量	17kDa
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,U-251MG,Mouse kidney,Mouse liver,Rat brain,Rat liver
细胞定位	Cytoplasm,Mitochondrion,Peroxisome
纯化	Affinity purification

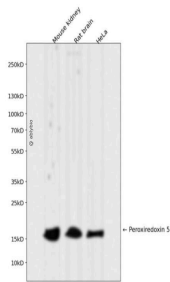
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Peroxioredoxin 5.
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## 靶点信息

研究背景	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.
基因ID	25824
基因名	PRDX5
Swiss	P30044 ( <a href="https://www.uniprot.org/uniprotkb/P30044/entry">https://www.uniprot.org/uniprotkb/P30044/entry</a> )
别名	Peroxiredoxin 5, Peroxiredoxin 5 Rabbit mAb, PRDX5, Alu corepressor 1, Antioxidant enzyme B166, Liver tissue 2D-page spot 71B, PLP, Peroxiredoxin V, Peroxisomal antioxidant enzyme, TPx type VI, Thioredoxin peroxidase PMP20, Thioredoxin-dependent peroxiredoxin 5, ACR1

## 产品验证



Western blot analysis of Peroxiredoxin 5 expressed in Mouse kidney, Rat brain, HeLa using Peroxiredoxin 5 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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