

# SOD1 Rabbit pAb

货号: **AYP11081**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> 293T , Mus musculus , H. cordata , Homo sapiens , Rattus norvegicus , Bos taurus , Eriocheir sinensis <b>Co-IP:</b> Mus musculus <b>IHC:</b> Rattus norvegicus
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	15kDa
实测分子量	16-18KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,MCF7,Mouse liver,Mouse brain,Rat lung,Rat liver,Rat brain
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

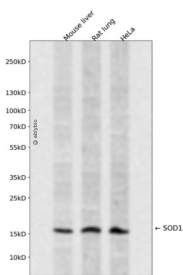
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 2-154 of human SOD1 ( NP_000445.1).
序列	ATKAVCVLKGDPVQGIINFEQKESNGPVKVVWGSIKGLTEGLHGFHVHEFGDNTAGCTSAGPHFNPLSRKHGGPKDEER HVGDLDGNVTADKDGADVSIEDSVISLSGDHCHIIGRTLVVHEKADDLGKGGNEESTKTGNAGSRLACGVIGIAQ

## 靶点信息

研究背景	The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene.
基因ID	6647
基因名	SOD1
Swiss	P00441
别名	SOD1;ALS;ALS1;HEL-S-44;IPOA;SOD;hSod1;homodimer

## 产品验证



Western blot analysis of SOD1 expressed in Mouse liver, Rat lung, HeLa using SOD1 Rabbit pAb 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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