

# SOD2 Rabbit mAb

货号: **AYM30690**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	18kDa/19kDa/20kDa/24kDa
实测分子量	25kDa
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	293T,HepG2,A-549,Mouse liver,Mouse brain,Mouse heart,Rat liver,Rat brain,Rat heart
细胞定位	Mitochondrion matrix
纯化	Affinity purification

## 抗原信息

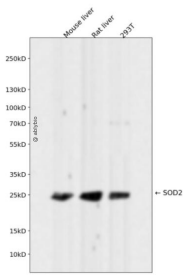
抗原信息	Recombinant fusion protein corresponding to Human SOD2.
序列	KHSLPDLPYDYGALPHINAQIMQLHHSKHHAAYVNNLNVTEEKYQEALAKGDVTAQIALQPALKFNGGGHINHSIFWTNLSPNGGGEPKGGELLEAIKRDFGSDKFKELTAASVGVQSGWGWLGFNKERGHLQIAACPNQDPLQGTGLIPLLIDVWEHAYYLQYKNVRPDYKAIWNVINWENVTERYMACKK

## 靶点信息

研究背景	This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 1.
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基因ID	6648
基因名	SOD2
Swiss	P04179
别名	IPO-B;IPOB;MNSOD;MVCD6;Mn-SOD;SOD2

## 产品验证



Western blot analysis of SOD2 expressed in Mouse liver, Rat liver, 293T using SOD2 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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