

SOD2 Rabbit mAb

货号: B30690

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	WB: 1:500 - 1:2000 IHC: 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

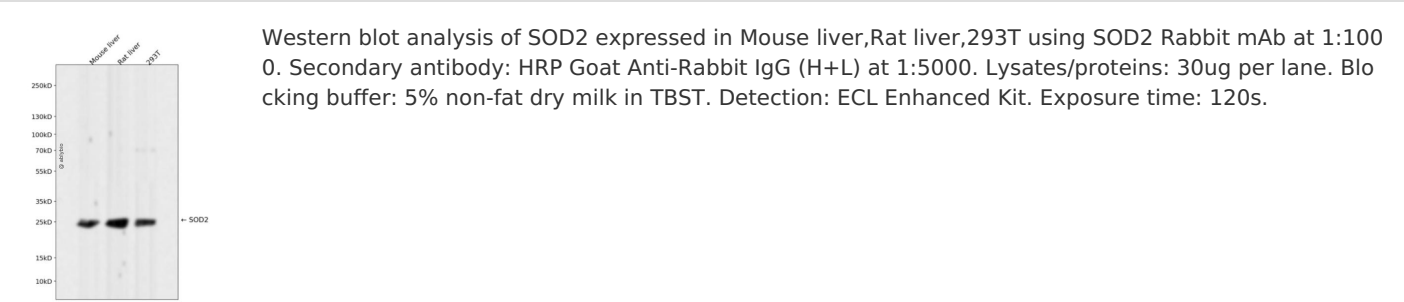
抗原信息	Recombinant fusion protein corresponding to Human SOD2.
序列	KHSLPDLPYDYGALPHINAQIMQLHHSKHHAAYVNNLNVTEEKYQEALAKGDVTAQIALQPALKFNGGGGHINHSIFWTNLSPNGGGGEPKGELLEAIKRDFGSFDKFKEKLTAASVGVQSGWGWLGFNKERGHLQIAACPNDPLQGTGLIPLLIDVWEHAYYLQYKNVRPDYLKAIWNVINWENVTERYMACKK

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



实验步骤

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