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SOD2 Rabbit mAb

货号: AAY1468

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:1000-1:5000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000
理论分子量	25kD
实测分子量	22kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.470.
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	亲和纯化

抗原信息

抗原信息	

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.
基因ID	6648
基因名	SOD2;Superoxide dismutase [Mn] mitochondrial;SOD2;Superoxide dismutase [Mn], mitochondrial
Swiss	P04179 (https://www.uniprot.org/uniprotkb/P04179/entry)
别名	SOD2;Superoxide dismutase [Mn] mitochondrial;SOD2;Superoxide dismutase [Mn], mitochondrial

产品验证

实验步骤

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