

产品名称: SOD2 (12J6) Rabbit Monoclonal Antibody
产品货号: AMRe18098



产品概述 (Summary)

产品名称 (Production Name)	SOD2 (12J6) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SOD2
别名 (Alternative Names)	SOD2; IPOB; MNSOD; MVCD6;
基因 ID (Gene ID)	6648.0
蛋白 ID (SwissProt ID)	P04179.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:200,IF-P 1:100-1:200
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

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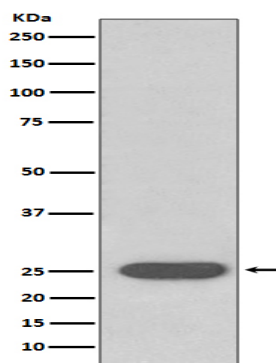


SOD-2 is a homotetrameric manganese enzyme (also known as MnSOD) that functions in the mitochondrion. ROS are implicated in a wide range of degenerative processes, including Alzheimer's disease, Parkinson's disease and ischemic heart disease. Homozygous mutant mice, which lack SOD-2, exhibit dilated cardiomyopathy, accumulation of lipid in liver and skeletal muscle, metabolic acidosis, oxidative DNA damage and respiratory chain deficiencies in heart and skeletal muscle. Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of SOD2 expression in Rat brain lysate.

注意事项 (Note)

For research use only .