

产品名称: SOD2 (4C4) Mouse Monoclonal Antibody
产品货号: AMM03562



产品概述 (Summary)

产品名称 (Production Name)	SOD2 (4C4) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG2b
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SOD2
别名 (Alternative Names)	IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD; SOD2
基因 ID (Gene ID)	6648
蛋白 ID (SwissProt ID)	P04179.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 25 kDa; Observed MW: 22 kDa

研究背景 (Background)

SOD-2 is a homotetrameric manganese enzyme (also known as MnSOD) that functions in the mitochondrion. ROS are

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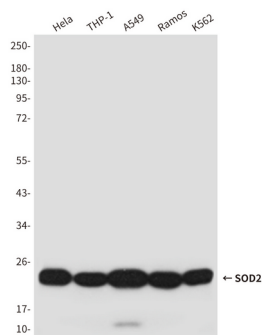


implicated in a wide range of degenerative processes, including Alzheimer' s disease, Parkinson' s disease and ischemic heart disease. Homozygous mutant mice, which lack SOD-2, exhibit dilated cardiomyopathy, accumulation of lipid in liver and skeletal muscle, metabolic acidosis, oxidative DNA damage and respiratory chain deficiencies in heart and skeletal muscle.

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of SOD2 in HeLa, THP-1, A549 Ramos and K562 lysates using SOD2 antibody.

注意事项 (Note)

For research use only .