

	<h2>SOD2 Rabbit pAb</h2>	E 2 3 8 1 5 3 0
--	--------------------------	--------------------------------------

Swiss-Prot No.:	P04179
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	A synthesized peptide derived from human SOD2
Purification:	Affinity Chromatography
Reactivity:	Human,Mouse,Rat
Other Names:	SOD2; IPOB; MNSOD; MVCD6;
Background:	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.
Cellular localization:	Mitochondrion
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG

For Research Use Only

Molecular Weight:	25kDa
Preservative:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Recommended Dilutions:	WB 1:500~1:2000 IHC 1:50~1:200