

SOD1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A21734	Rabbit	1 mg/ml	
Applications	WB,IHC		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:500 - 1:2000.IHC:1:50-300. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous SOD1 protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthesized peptide derived from the Internal region of human SOD-1.		
Uniprot No	P00441		
Alternative names	SOD1; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1		
Form	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>superoxide dismutase 1, soluble(SOD1) Homo sapiens The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene. [provided by RefSeq, Jul 2008],</p>		
Other	SOD1, Superoxide dismutase [Cu-Zn]		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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