



## SOD1 Polyclonal Antibody

Cat No: HR1AP9337

For research use only

### Overview

Product Name	SOD1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	18kDa
GenID?Human?	SOD1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	SOD1; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1
Background	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],