



## SOD-1 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (kD): |
|--------------|---------|-----------------|---------------|
| A21734       | Rabbit  | 1 mg/ml         | 18 kD         |

|                       |  |
|-----------------------|--|
| 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               |  |
| Conjugation           |  |
| 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 pr |
| Other                 | Gene_name: SOD1 ; Protein_name: Superoxide dismutase [Cu-Zn]; Expression: Colon,Fetal brain cortex,Placenta,   |

### Product Images

#### Application Key:

W-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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*For life science research only. Not for use in diagnostic procedures.*

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