



SOD1 Polyclonal Antibody

| Catalog No | BYab-01192 |
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| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB;IHC;IF |
| Gene Name | SOD1 |
| Protein Name | Superoxide dismutase [Cu-Zn] |
| Immunogen | Synthesized peptide derived from the Internal region of human SOD-1. |
| Specificity | The antibody detects endogenous SOD1 protein. |
| Formulation | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB: 1/500 - 1/2000.IHC-p:1:50-300 IF 1:50-200 |
| Concentration | 1 mg/ml |
| | |
| Purity | ≥90% |
| Purity Storage Stability | ≥90% -20°C/1 year |
| - | |
| Storage Stability | -20°C/1 year |
| Storage Stability Synonyms | -20°C/1 year SOD1; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1 |
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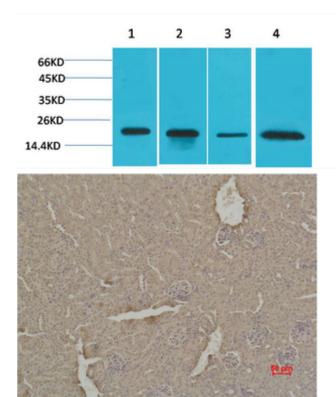




wild-type and ALS1 variants) has a tendency to form fibrillar aggregates in the

| Background | 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-occuring 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], |
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| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images



Western blot analysis of 1) Hela, 2) MCF7, 3) Mouse Brain Tissue, 4) Rat Brain Tissue using SOD1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using SOD1 Polyclonal Antibody.

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