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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SOD1 recombinant monoclonal antibody

Catalog Number: RAB02613

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human SOD1.

Immunogen: Original antibody is raised against a synthetic peptide of human SOD1.

Theoretical MW (kDa): 16

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Recognizes endogenous levels of SOD1 protein.

Form: Liquid

Purification: Immunogen affinity chromatography

Isotype: IgG

Recommend Usage: Immunocytochemistry (1:50-1:100)
Immunofluorescence (1:50-1:100)
Immunohistochemistry (1:50-1:100)
Western Blot (1:500-1:1000)

Storage Buffer: In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction: Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Entrez GeneID: 6647

Gene Symbol: SOD1

Gene Alias: ALS, ALS1, IPOA, SOD, homodimer

Gene Summary: 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]