

Anti-SOD1 antibody

Cat. No.	ml121245
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SOD1 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human SOD1
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SOD1
Full name	Superoxide dismutase 1, soluble
Synonyms	ALS; SOD; ALS1; IPOA; hSod1; homodimer
Swissprot	P00441

Target 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-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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size:16 kDa

Positive control:Mouse liver tissue

Recommended dilution: 1000-5000

Gel: 12%SDS-PAGE

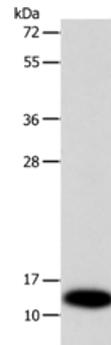
Lysate: 40 μ g

Lane: Mouse liver tissue

Primary antibody: ml121245(SOD1 Antibody) at dilution 1/1160

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 45 seconds



ELISA

Recommended dilution:2000-10000

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