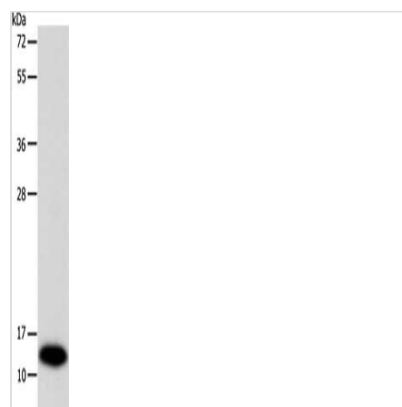




# SOD1 Antibody

<b>Product Code</b>	CSB-PA238446
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P00441
<b>Immunogen</b>	Fusion protein of Human SOD1
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse,Rat
<b>Tested Applications</b>	ELISA,WB;ELISA:1:2000-1:10000,WB:1:1000-1:5000
<b>Relevance</b>	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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification Method</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	SOD1

## Image



Gel: 12%SDS-PAGE, Lysate: 40 µg, Lane: Mouse liver tissue, Primary antibody: CSB-PA238446(SOD1 Antibody) at dilution 1/1160, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 45 seconds