

## anti- SOD1 antibody

### Product Information

Catalog No.:	FNab09989
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Superoxide dismutase 1, soluble(amyotrophic lateral sclerosis 1(adult))(SOD1, synonyms: ALS, SOD, ALS1, IPOA) binds copper and zinc ions and is one of two isozymes responsible for destroying free uperoxide radicals in the body. This 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.

### Immunogen information

Immunogen:	superoxide dismutase 1, soluble
Synonyms:	Superoxide dismutase [Cu-Zn],Superoxide dismutase 1, hSod1
Observed MW:	16 kDa
Uniprot ID :	P00441

### Application

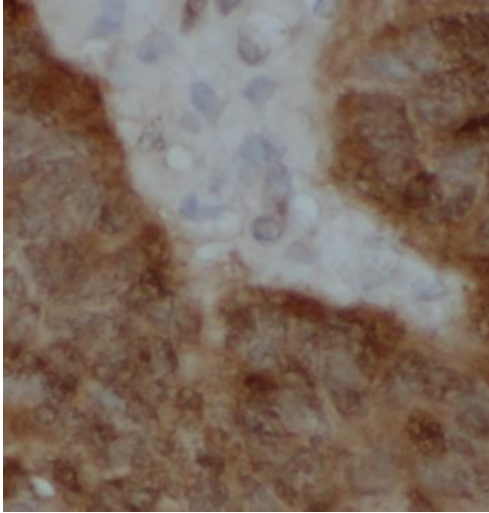
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

### Wuhan Fine Biotech Co., Ltd.

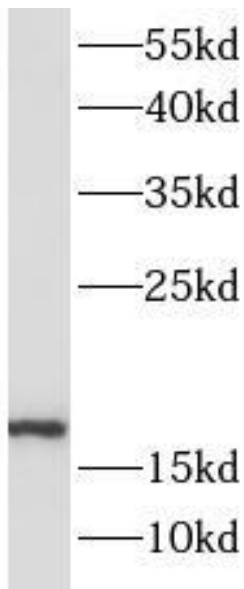
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab09989(SOD1 Antibody) at dilution of 1:200



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab09989(SOD1 antibody) at dilution of 1:1000

**Wuhan Fine Biotech Co., Ltd.**

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)