

## anti- SOD1 antibody

### Product Information

Catalog No.:	FNab08103
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
UniprotID :	P00441

### Application

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

### Wuhan Fine Biotech Co., Ltd.

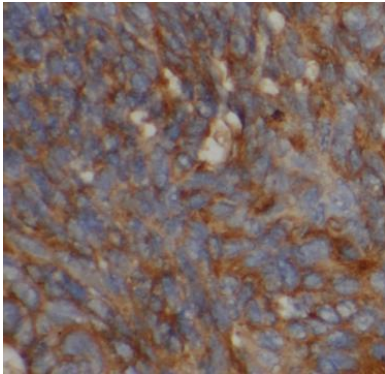
B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel :( 0086)027-87384275

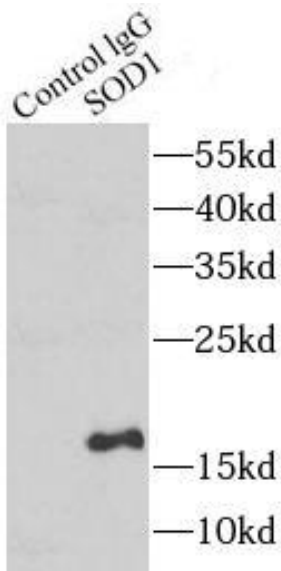
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:100-1:400; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab08103(SOD1 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



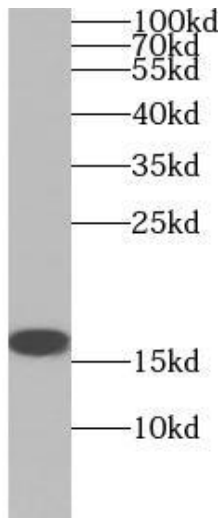
IP Result of anti-SOD1 (IP:FNab08103, 3ug; Detection:FNab08103 1:1500) with HEK-293 cells lysate 1000ug.

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab08103(SOD1 antibody) at dilution of 1:1500

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