

SOD1 antibody

Product Information

Catalog No.:	FNab10652
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1H8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

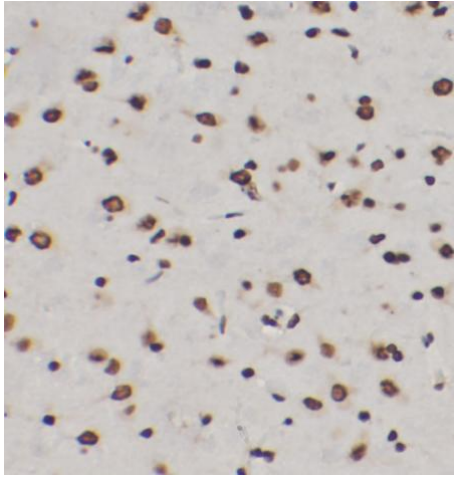
Superoxide dismutase 1, soluble(amyotrophic lateral sclerosis 1(adult))(SOD1, synonyms: ALS, SOD, ALS1, IPOA) binds copper and zinc ions and is one of two isozymes responsible for destroying free uperoxide radicals in the body. This isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert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

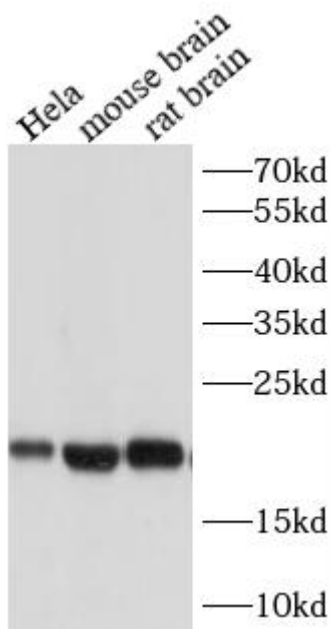
Immunogen:	superoxide dismutase 1, soluble
Synonyms:	Superoxide dismutase [Cu-Zn],Superoxide dismutase 1, hSod1
Observed MW:	16-20 kDa
Uniprot ID :	P00441

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:1000 - 1:5000; IHC: 1:100 - 1:200; IF: 1:50 - 1:200
Image:	



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab10652(SOD1 Antibody) at dilution of 1:200



Various lysates were subjected to SDS PAGE followed by western blot with FNab10652(SOD1 antibody) at dilution of 1:2000