



Anti-SOD1 (full length) polyclonal antibody [Biotin] (DPABH-14358)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Immunogen	Full length protein corresponding to Human Superoxide Dismutase 1 aa 1-154. Sequence: MATKAVCVLKGDGPVQGIINFEQKESNGPVKVVWGSIKGLTEGLHGFHVHE FGDNTAGCTSA GPHFNPLSRKHGGPKDEERHVGDLGNVTADKDGVADV SIEDSVISLSGDHCCIIGRTLTVVH EKADDLGKGGNEESTKTGNAGSRLA CGVIGIAQ Database I
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Sheep, Rabbit, Hamster, Cow, Dog, Human, Pig, Xenopus laevis, Monkey
Purification	Immunogen affinity purified
Conjugate	Biotin
Applications	WB, IHC-P, IHC-Fr, IP
Format	Liquid
Size	100 µg
Buffer	pH: 7.30; Constituents: 49% PBS, 50% Glycerol without Mg ²⁺ and Ca ²⁺
Preservative	0.1% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C. Store In the Dark.

GENE INFORMATION

Gene Name	SOD1 superoxide dismutase 2, soluble [Homo sapiens]
Official Symbol	SOD1
Synonyms	SOD1; superoxide dismutase 1, soluble; ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer; superoxide dismutase [Cu-Zn]; SOD, soluble; indophenoxidase A; Cu/Zn superoxide dismutase; superoxide dismutase, cystolic; epididymis secretory protein Li 44;
Entrez Gene ID	6647
Protein Refseq	NP_000445.1
UniProt ID	P00441
Pathway	AGE/RAGE pathway; Amyotrophic lateral sclerosis (ALS); Cellular responses to stress; Dopamine metabolism
Function	Rac GTPase binding; chaperone binding; copper ion binding; identical protein binding