



Magic™ Anti-SOD1 (aa 107-116) polyclonal antibody (DPABH-06323)

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	Synthetic peptide corresponding to Human Superoxide Dismutase 1 aa 107-116.Sequence: LSGDHSIIGR
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Cow, Human
Purification	Protein L purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

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