

Goat SOD1 Polyclonal Antibody | anti-SOD1 antibody

Goat anti-SOD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61049	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, etc	ELISA, Western Blot, ELISA

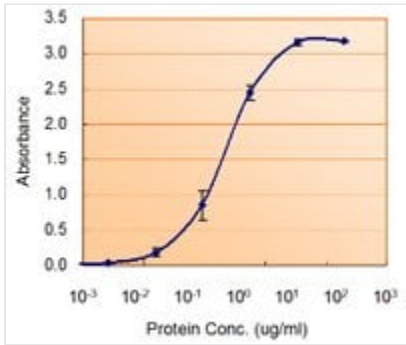
PRODUCT SYNONYMS

SOD1; Polyclonal Antibody; Goat anti-SOD1 Antibody; Goat Anti-SOD1; Biotinylated Antibody; superoxide dismutase 1; soluble (amyotrophic lateral sclerosis 1 (adult)); HGNC: 11179; ALS; ALS1; IPOA; SOD; Cu /Zn superoxide dismutase; Cu/Zn superoxide dismutase; soluble; indophenoloxidase A; superoxide dismutase (aa 120-154); superoxide; SOD1 antibody; soluble (amyotrophic lateral sclerosis 1 (adult)) antibody; HGNC: 11179 antibody; ALS antibody; ALS1 antibody; IPOA antibody; SOD antibody; Cu /Zn superoxide dismutase antibody; Cu/Zn superoxide dismutase antibody; soluble antibody; indophenoloxidase A antibody; superoxide dismutase (aa 120-154) antibody; superoxide dismutase; cystolic antibody; anti-SOD1 antibody

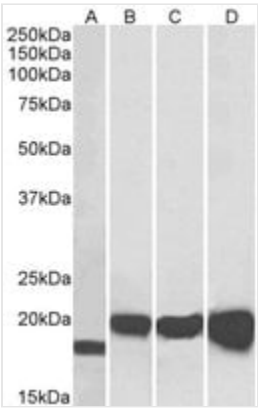
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, etc
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SRKHGGPKDE ERH
Sequence Length	154
Applicable Applications for anti-SOD1 antibody	ELISA, WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SRKHGGPKDEERH, from the internal region of the protein sequence according to NP_000445.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



Application Data
1.5ug/ml) as the reporter with as the capture rabbit antibody (5ug/ml).



WB (Western Blot)
0. 01ug/ml staining of NIH3T3 (A), HEK293 (B), HepG2 (C) and MCF7 (D) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0. 02ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507149
NCBI GeneID	6647
NCBI Accession #	NP_000445.1
NCBI GenBank Nucleotide #	NM_000454.4
Molecular Weight	15,936 Da
NCBI Official Full Name	superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 1, soluble
NCBI Official Symbol	SOD1
NCBI Official Synonym Symbols	ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer
NCBI Protein Information	superoxide dismutase [Cu-Zn]
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	SOD1
UniProt Synonym Gene Names	hSod1
UniProt Entry Name	SODC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sod1-antibody-western-blot-peptide-elisa-elisa/61049>