

anti-Human, Rat Superoxide Dismutase 1 Monoclonal Antibody | anti-SOD1 antibody

Superoxide Dismutase 1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314576	Recombinant Rabbit	Human, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Superoxide Dismutase 1; Monoclonal Antibody; Superoxide Dismutase 1 Rabbit mAb; ALS; SOD; ALS1; IPOA; STAHP; hSod1; HEL-S-44; homodimer; anti-SOD1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S08-5A5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SOD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Superoxide Dismutase 1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical of Superoxide Dismutase 1 in Human breast cancer tissue using Superoxide Dismutase 1 antibody at dilution 1/50



WB (Western Blot)

Western blot detection of Superoxide Dismutase 1 in A549, HL-60, C6 using Superoxide Dismutase 1 Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-SOD1 antibody	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Product Categories/Family for anti-SOD1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	134611
NCBI GeneID	6647
UniProt Accession #	P00441; Q16669; Q16711; Q16838; Q16839; Q16840; Q6NR85; A6NHJ0; D3DSE4
Molecular Weight	154
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]; superoxide dismutase [Cu-Zn]; SOD, soluble; indophenoloxidase A; Cu/Zn superoxide dismutase; superoxide dismutase, cystolic; epididymis secretory protein Li 44
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/superoxide-dismutase-1-antibody-clone-s08-5a5-immunohistochemistry-western-blot-elisa/314576>