

Rabbit anti-Rat Superoxide Dismutase Polyclonal Antibody | anti-SOD4 antibody

Polyclonal Antibody to Superoxide Dismutase, Copper Chaperone (SOD4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143314	Rabbit	Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Superoxide Dismutase; Polyclonal Antibody; Polyclonal Antibody to Superoxide Dismutase; Copper Chaperone (SOD4); anti-SOD4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SOD4. It has been selected for its ability to recognize SOD4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGS- DAVHKTLLKGA AGVQNVEVQL ENQMVLVQTT LPSQEVQALL ESTGRQAVLK GMGSSQLKNL GAAVAIMEGS GTVQGVVRFLL QLSSELCLIE GTIDGLEPGL HGLHVHQYGD LTKDCSSCGD HFNPDGASHG GPQDTRHRG DLGNVHAEAS GRATFRIEDK QLKVWDVIGR SLVVDGEDD LGRGGHPLSK VTGN
Sequence Length	153
Applicable Applications for anti-SOD4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	SOD4 (Asp27~Ala268)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant SOD4 (Asp27~Ala268) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Rat Pancreas Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758084
NCBI GeneID	84485
NCBI Accession #	NP_445877.1
NCBI GenBank Nucleotide #	NM_053425.1
UniProt Accession #	Q9JK72; B0BMW1
Molecular Weight	28,890 Da
NCBI Official Full Name	copper chaperone for superoxide dismutase
NCBI Official Synonym Full Names	copper chaperone for superoxide dismutase
NCBI Official Symbol	Ccs
NCBI Protein Information	copper chaperone for superoxide dismutase
UniProt Protein Name	Copper chaperone for superoxide dismutase
UniProt Gene Name	Ccs

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/superoxide-dismutase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143314>