

Rabbit Superoxide Dismutase 1 Polyclonal Antibody | anti-SOD1 antibody

Polyclonal Antibody to Superoxide Dismutase 1, Soluble (SOD1)

CATALOG # AAA143267	HOST Rabbit	REACTIVITY Horse, Rat, Bovine	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

Superoxide Dismutase 1; Polyclonal Antibody; Polyclonal Antibody to Superoxide Dismutase 1; Soluble (SOD1); anti-SOD1 antibody

PRODUCT SPECIFICATIONS

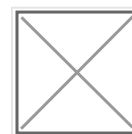
Host	Rabbit
Reactivity	Horse, Rat, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SOD1. It has been selected for its ability to recognize SOD1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	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- ALKAVCVLKG DGPVHGVHIF EQQEGGPPV LKGFIETLK GDHGFHVHEF GDNTQGCTTA GAHFNPLSKK HGGPKDEERH VGD LGNVTAD ENKADVDMK DSVISLSGKH SIIGRTMVVH EKQDDLKGK
Applicable Applications for anti-SOD1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	SOD1 (Ala2~Pro154)
Organism Species	Equus caballus; Equine (Horse)
Cross Reactivity	Rat, Horse, Bovine
Conjugate	No Conjugate
Immunogen	Recombinant SOD1 (Ala2~Pro154) 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



WB (Western Blot)

Western Blot: Sample: Recombinant SOD1, Equine.



WB (Western Blot)

Western Blot: Sample: Lane1: Rat Serum; Lane2: Bovine Liver Tissue; Lane3: Bovine Heart Tissue; Lane4: Bovine Brain Tissue; Lane5: Bovine Serum.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126352669
NCBI GeneID	100033855
NCBI Accession #	NP_001075295.1
NCBI GenBank Nucleotide #	NM_001081826.3
UniProt Accession #	P00443
Molecular Weight	16,071 Da
NCBI Official Full Name	superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 1
NCBI Official Symbol	SOD1
NCBI Official Synonym Symbols	CU/ZN-SOD
NCBI Protein Information	superoxide dismutase [Cu-Zn]
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	SOD1

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-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143267>