

Rabbit anti-Human, Pig Superoxide Dismutase 1 Polyclonal Antibody | anti-SOD1 antibody

Polyclonal Antibody to Superoxide Dismutase 1, Soluble (SOD1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143368	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

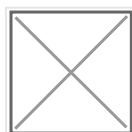
PRODUCT SYNONYMS

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

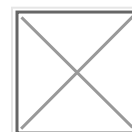
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
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 GGQQMGRGS- ATKAVCVLKG DGPVQGTIYF ELKGKTVLV TGTIKGLAEG DHGFHVHQFG DNTQGCTSG PHFNPEKSKH GPKDQERHV GDLGNVTAGK DGVATVYIED SVIALSGDHS IIGRTMVVHE KPDDLGRGG
Applicable Applications for anti-SOD1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	SOD1 (Ala2~Gln153)
Organism Species	Sus scrofa; Porcine (Pig)
Cross Reactivity	Pig
Conjugate	No Conjugate
Immunogen	Recombinant SOD1 (Ala2~Gln153) 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 (Immunohistochemistry)
DAB staining on IHC-P; Samples: Porcine Kidney Tissue



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

**WB (Western Blot)**

Western Blot: Sample: Porcine Heart lysate; Primary Ab: 3ug/ml Rabbit Anti-Porcine SOD1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	298677090
NCBI GeneID	397036
NCBI Accession #	NP_001177351.1
NCBI GenBank Nucleotide #	NM_001190422.1
UniProt Accession #	P04178
Molecular Weight	15,892 Da
NCBI Official Full Name	superoxide dismutase
NCBI Official Symbol	SOD1
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/143368>