

Rabbit SOD2 Polyclonal Antibody | anti-SOD2 antibody

SOD2 Antibody

CATALOG # AAA225810	HOST Rabbit	APPLICATIONS Immunocytochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SOD2; Polyclonal Antibody; SOD2 Antibody; Affinity Purified Rabbit Polyclonal SOD2 Antibody; Polyclonal SOD2 antibody; Anti-SOD2 antibody; Mn-SOD antibody; IPO-B antibody; SOD 2 antibody; Superoxide Dismutase 2 Mitochondrial antibody; SOD 2; SOD-2 antibody; MNSOD antibody; SOD-2; anti-SOD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Sequence Length	233
Applicable Applications for anti-SOD2 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	SOD2 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human SOD2, identical to the related Rabbit sequence and different from the related rat sequence by one amino acid as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



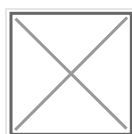
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded section of Human Intestinal Cancer Tissue



WB (Western Blot)

Lane 1: Rat Liver Tissue Lysate, Lane 2: Rat Intestines Tissue Lysate, Lane 3: Rat Lung Tissue Lysate, Lane 4: Rat Heart Tissue Lysate, Lane 5: SMMC Cell Lysate, Lane 6: HELA Cell Lysate, Lane 7: COLO320 Cell Lysate,



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded section of Rat Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-SOD2 antibody	SOD2 is a member of the iron/manganese superoxide dismutase family. SOD2 is a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene encoding SOD2 have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer.
Product Categories/Family for anti-SOD2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	6321796
NCBI GeneID	856399
NCBI GenBank Nucleotide #	NP_011872.1
UniProt Accession #	P00447
NCBI Official Full Name	superoxide dismutase SOD2
NCBI Official Symbol	SOD2
NCBI Protein Information	superoxide dismutase SOD2
UniProt Protein Name	Superoxide dismutase [Mn], mitochondrial
UniProt Gene Name	SOD2

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/sod2-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/225810>