

Rabbit anti-Rat Superoxide Dismutase 3 Antibody | anti-SOD3 antibody

Polyclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)

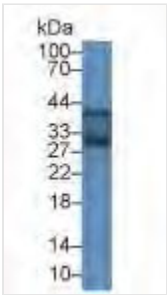
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20840	Rabbit	Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

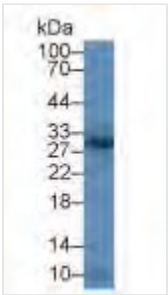
Superoxide Dismutase 3; Polyclonal Antibody to Superoxide Dismutase 3; Extracellular (SOD3); anti-SOD3 antibody

PRODUCT SPECIFICATIONS

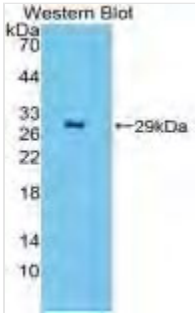
Host	Rabbit
Reactivity	Rat
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SOD3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant SOD3 (Ser16~Thr244) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



WB (Western Blot)
Western Blot; Sample: Rat Kidney lysate; Primary Ab: 2ug/mL Rabbit Anti-Rat SOD3
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Rat Lung lysate; Primary Ab: 2ug/mL Rabbit Anti-Rat SOD3
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Figure. Western Blot; Sample: Recombinant SOD3, Rat.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981568
NCBI GeneID	25352
NCBI Accession #	NP_037012.1
NCBI GenBank Nucleotide #	NM_012880.1
UniProt Accession #	Q08420; Q64667
NCBI Official Full Name	extracellular superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 3
NCBI Official Symbol	Sod3
NCBI Official Synonym Symbols	ECSODPT
NCBI Protein Information	extracellular superoxide dismutase [Cu-Zn]
UniProt Protein Name	Extracellular superoxide dismutase [Cu-Zn]
UniProt Gene Name	Sod3
UniProt Synonym Gene Names	Sod-3; EC-SOD

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.