

SOD3 polyclonal antibody (Biotin)

Catalog # PAB27975

Size 50 ug

Specification

Product Description	Chicken polyclonal antibody against synthetic peptide of SOD3.
Immunogen	A Synthetic peptide corresponding to amino acids of SOD3
Sequence	AGLAASLAGPHSVGR
Host	Chicken
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Antigen affinity purification
Concentration	1 mg/mL
Isotype	IgY
Storage Buffer	In Phosphate-Buffered Saline with 0.02% Sodium Azide.
Storage Instruction	Store at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immuno-MRM (multiple reaction monitoring)

Gene Info — SOD3

Entrez GeneID	6649
Gene Name	SOD3
Gene Alias	EC-SOD, MGC20077
Gene Description	superoxide dismutase 3, extracellular
Omim ID	185490
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the superoxide dismutase (SOD) protein family. SODs are antioxidant enzymes that catalyze the dismutation of two superoxide radicals into hydrogen peroxide and oxygen. The product of this gene is thought to protect the brain, lungs, and other tissues from oxidative stress. The protein is secreted into the extracellular space and forms a glycosylated homotetramer that is anchored to the extracellular matrix (ECM) and cell surfaces through an interaction with heparan sulfate proteoglycan and collagen. A fraction of the protein is cleaved near the C-terminus before secretion to generate circulating tetramers that do not interact with the ECM. [provided by RefSeq]
Other Designations	OTTHUMP00000158715

Disease

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- [Alzheimer disease](#)
- [Arthritis](#)
- [Asbestosis](#)
- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)

- [Cerebral Infarction](#)
- [Chorioamnionitis](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Neuropathies](#)
- [Edema](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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- [Prostate cancer](#)
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- [Pulmonary Emphysema](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)