



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## SOD3 polyclonal antibody (A01)

Catalog # : H00006649-A01

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant SOD3.

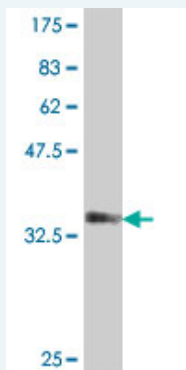
**Immunogen:** SOD3 (AAH14418, 26 a.a. ~ 125 a.a) partial recombinant protein with GST tag.

**Sequence:** EPNSDSAEWIRDMYAKVTEIWQEVMQRRDDDGTLHAACQVQPSATLDA  
AQPRVTGWVLFRLAPRAKLDAFFALEGFPTENSSSRRAIHVHQFGDLS  
QGC

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37 KDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

**Western Blot (Recombinant protein)**

[Protocol Download](#)

**ELISA**

### Gene Information

**Entrez GeneID:** [6649](#)

**GeneBank Accession#:** [BC014418](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein Accession#:** [AAH14418](#)

**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

#### Related Disease

[Acute Lung Injury](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Arthritis, Rheumatoid](#) [Asbestosis](#) [Atherosclerosis](#) [Atherosclerosis](#) [Behcet Syndrome](#) [Birth Weight](#) [Brain Neoplasms](#) [Bronchial Hyperreactivity](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Cerebral Infarction](#) [Chorioamnionitis](#) [Cognition](#) [Coronary Artery Disease](#) [Diabetes Mellitus](#) [Diabetes Mellitus, Type 1](#)

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