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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



SOD1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00006647-D01P

規格 : [100 ug]

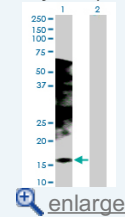
[List All](#)


Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human SOD1 protein.
Immunogen:	SOD1 (NP_000445.1, 1 a.a. ~ 154 a.a) full-length human protein.
Sequence:	MATKAVCVLKGDPVQGIINFEQKESNGPVKVVWSIKGLTEGLHGFHVH EFGDNTAGCTSAGPHFNPLSRKHGGPKDEERHVGDLGNVTADKDGVA DVSIEDSVISLSGDHCCIIGRTLWHEKADDLGKGGNEESTKTGNAGSRLAC GVIGIAQ
Host:	Rabbit
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

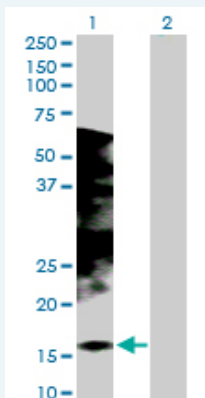
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of SOD1 expression in transfected 293T cell line ([H00006647-T02](#)) by SOD1 MaxPab polyclonal antibody.

Lane 1: SOD1 transfected lysate(15.90 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [6647](#)

**GeneBank
Accession#:** [NM_000454.4](#)

**Protein
Accession#:** [NP_000445.1](#)

Gene Name: SOD1

Gene Alias: ALS,ALS1,IPOA,SOD,homodimer

**Gene
Description:** superoxide dismutase 1, soluble

Omim ID: [105400](#), [147450](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene. [provided by RefSeq]

**Other
Designations:** Cu /Zn superoxide dismutase,Cu/Zn superoxide dismutase,SOD, soluble,indophenoxidase A,superoxide dismutase, cystolic

Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [Huntington's disease](#) [Prion diseases](#)

Related Disease

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