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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

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 mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00006647-B01P

規格 : [50 ug]

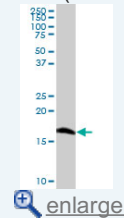
List All

Specification

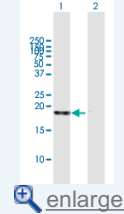
Product Description:	Mouse polyclonal antibody raised against a full-length human SOD1 protein.
Immunogen:	SOD1 (NP_000445.1, 1 a.a. ~ 154 a.a) full-length human protein.
Sequence:	<p>MATKAVCVLKGDGPVQGIINFEQKESNGPVKVVWGSIKGLTEGLHGFHMH</p> <p>EFGDNTAGCTSAGPHFNPLSRKHGGPKDEERHVGD LGNVTADKDGVA</p> <p>DVSIEDSVISLSGDHCCIIGRTLWHEKADDLGKGGNEESTKTGNAGSRLAC</p> <p>GVIGIAQ</p>
Host:	Mouse
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 (Tissue lysate)

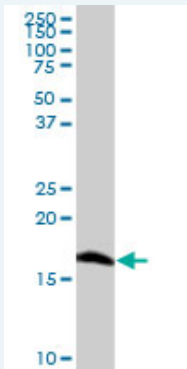


Western Blot (Transfected lysate)



Applications

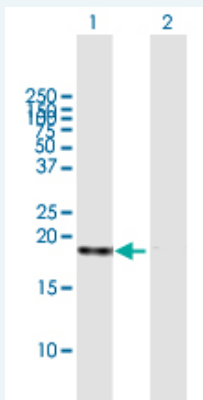
Western Blot (Tissue lysate)



SOD1 MaxPab polyclonal antibody. Western Blot analysis of SOD1 expression in human liver.

 [Protocol Download](#)

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(16.94 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](#)

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