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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SOD2 MaxPab mouse polyclonal antibody (B03) MaxPab®

Catalog # : H00006648-B03

規格 : [50 uL]

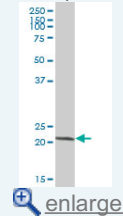
[List All](#)

Specification

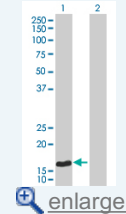
Product Description:	Mouse polyclonal antibody raised against a full-length human SOD2 protein.
Immunogen:	SOD2 (AAH16934.1, 1 a.a. ~ 140 a.a) full-length human protein.
Sequence:	MLSRVCGTSRQLAPALGYLGSRQKHSLPDLPHYDYGALEPHINAQIMQL HHSKHHAAYVNNLNVTEEKYQEALAKGRFQAERREAVPGRGDPREPGPI RTGLSVEENSLRICTGSEFSRHDSLFSKHMVYLIVEGVPRWW
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
Datasheet:	 Download

Application Image

Western Blot (Tissue lysate)

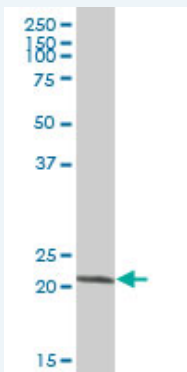


Western Blot (Transfected lysate)



Applications

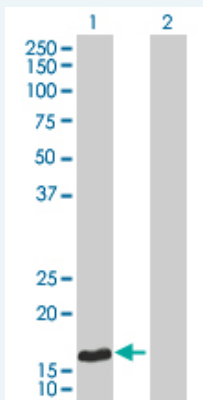
Western Blot (Tissue lysate)



SOD2 MaxPab polyclonal antibody. Western Blot analysis of SOD2 expression in human liver.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of SOD2 expression in transfected 293T cell line ([H00006648-T03](#)) by SOD2 MaxPab polyclonal antibody.

Lane 1: SOD2 transfected lysate(15.51 KDa).

Lane 2: Non-transfected lysate.

Protocol Download

Gene Information

Entrez GeneID: [6648](#)

GeneBank [BC016934.1](#)

Accession#:

Protein [AAH16934.1](#)

Accession#:

Gene Name: SOD2

Gene Alias: IPO-B,MNSOD,Mn-SOD

Gene superoxide dismutase 2, mitochondrial

Description:

Omim ID: [147460](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Mn superoxide

Designations: dismutase,OTTHUMP00000017530,OTTHUMP00000017531,indophenoloxidase B,manganese superoxide dismutase,manganese-containing superoxide dismutase,mangano-superoxide dismutase

Gene Pathway

[Huntington's disease](#)

Related Disease

[Acute Disease](#) [Adenocarcinoma](#) [Akathisia](#), [Drug-Induced Albuminuria](#) [Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amphetamine-Related Disorders](#) [Angina Pectoris](#), [Variant Arsenic Poisoning](#) [Arthritis](#), [Psoriatic Arthritis](#), [Reactive Arthritis](#), [Rheumatoid](#) [Asbestosis](#) [Asthma](#) [Asthma](#) [Ataxia telangiectasia](#) [Atherosclerosis](#) [Atherosclerosis](#)

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