



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

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) 

DUSP1 polyclonal antibody (A01)

Catalog # : H00001843-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant DUSP1.

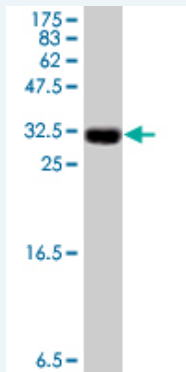
Immunogen: DUSP1 (NP_004408, 305 a.a. ~ 367 a.a) partial recombinant protein with GST tag.

Sequence: LLQFESQVLAPHCSAEAGSPAMAVLDRGTSTTTVFNFVPSIPVHSTNSAL SYLQSPITTPSC

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (6.67 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: [1843](#)

GeneBank Accession#: [NM_004417](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein [NP_004408](#)

Accession#:

Gene Name: DUSP1

Gene Alias: CL100,HVH1,MKP-1,MKP1,PTPN10

Gene Description: dual specificity phosphatase 1

Omim ID: [600714](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The expression of DUSP1 gene is induced in human skin fibroblasts by oxidative/heat stress and growth factors. It specifies a protein with structural features similar to members of the non-receptor-type protein-tyrosine phosphatase family, and which has significant amino-acid sequence similarity to a Tyr/Ser-protein phosphatase encoded by the late gene H1 of vaccinia virus. The bacterially expressed and purified DUSP1 protein has intrinsic phosphatase activity, and specifically inactivates mitogen-activated protein (MAP) kinase in vitro by the concomitant dephosphorylation of both its phosphothreonine and phosphotyrosine residues. Furthermore, it suppresses the activation of MAP kinase by oncogenic ras in extracts of Xenopus oocytes. Thus, DUSP1 may play an important role in the human cellular response to environmental stress as well as in the negative regulation of cellular proliferation. [provided by RefSeq]

Other Designations: serine/threonine specific protein phosphatase

Gene Pathway

[MAPK signaling pathway](#)

Related Disease

[Arthritis, Rheumatoid](#) [Asthma](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Lung Neoplasms](#)
[Multiple Sclerosis](#)