



# 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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## GADD45A purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001647-B01P

規格 : [ 50 ug ]

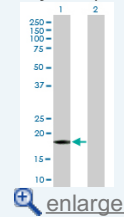
[List All](#)

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human GADD45A protein.
<b>Immunogen:</b>	GADD45A (AAH11757.1, 1 a.a. ~ 165 a.a) full-length human protein.
<b>Sequence:</b>	MTLEEF SAGEQKTERMDKVGDALEEVLSKALSQRTITVGVYEAAKLLNV DPDNVLCLLAADEDDDRDVALQIHFTLIQAFCCENDINILRVSNPGR LAE LLLLET DAGPAASEGAEQPPDLHCVLVTNPHSSQWKDPALSQLIC CRE SRYMDQWVPVINLPER
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

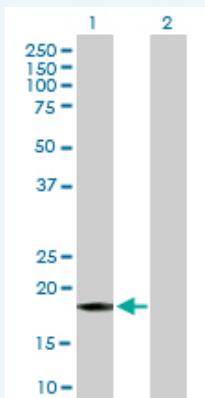
### Application Image

Western Blot (Transfected lysate)



### Applications

#### Western Blot (Transfected lysate)



Western Blot analysis of GADD45A expression in transfected 293T cell line ([H00001647-T01](#)) by GADD45A MaxPab polyclonal antibody.

Lane 1: GADD45A transfected lysate(18.30 kDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [1647](#)

**GeneBank  
Accession#:** [NM\\_001924](#)

**Protein  
Accession#:** [AAH11757.1](#)

**Gene Name:** GADD45A

**Gene Alias:** DDIT1,GADD45

**Gene  
Description:** growth arrest and DNA-damage-inducible, alpha

**Omim ID:** [126335](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. [provided by RefSeq]

**Other  
Designations:** DNA damage-inducible transcript 1,DNA damage-inducible transcript-1,DNA-damage-inducible transcript 1,OTTHUMP00000010979,growth arrest and DNA-damage-inducible 45 alpha

#### Gene Pathway

Cell cycle [MAPK signaling pathway](#) [p53 signaling pathway](#)

#### Related Disease

[Ataxia telangiectasia](#) [Breast cancer](#) [Breast Neoplasms](#) [Chronic Disease](#) [Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Genetic Predisposition to Disease](#) [Lung Neoplasms](#) [Microsatellite Instability Neoplasms](#) [Glandular and Epithelial](#) [Occupational Diseases](#) [Ovarian cancer](#) [Ovarian Neoplasms](#) [Pulmonary Disease](#) [Chronic Obstructive](#) [Schizophrenia](#) [Schizophrenia, Paranoid](#)

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