



# 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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**PAK1 purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005058-B01P

規格 : [ 50 ug ]

[List All](#)

**Specification**

**Product Description:** Mouse polyclonal antibody raised against a full-length human PAK1 protein.

**Immunogen:** PAK1 (AAH50377.1, 1 a.a. ~ 447 a.a) full-length human protein.

**Sequence:**  
 MSNNGLDIQDKPPAPPMRNTSTMIGAGSKDAGTLNHGSKPLPPNPEEKK  
 KKDRFYRSILPGDKTNKKKEKERPEISLPSDFEHTIHVGFDAVTGEFTGM  
 PEQWARLLQTSNITKSEQKKNPQAVLDVLEFYNSKKTNSQKYSFDTK  
 SAEDYNSSNALNVKAVSETPAVPPVSEDEDDDDDDATPPPVIAPRPEHTK  
 SVYTRSVIEPLPVTPTRDVATSPISPTENNTTPPDALTRNTEKQKKPKMS  
 DEEILEKLRISVSVGDPKKKYTRFEKIGQGASGTVYTAMDVATGQEVAIK  
 QMNLQQQPKKELIINEILVMRENKPNVNYLDSYLVGDELWVMEYLAG  
 GSLTDVVTETCMDEGQIAAVCRECLQALEFLHSNQVIHRDIKSDNILLGM  
 DGSVKLTDGFGCAQITPEQSKRSTMVGTPTYWMAPEVTRKAYGPKVDI

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

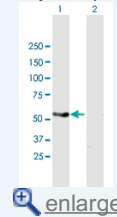
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

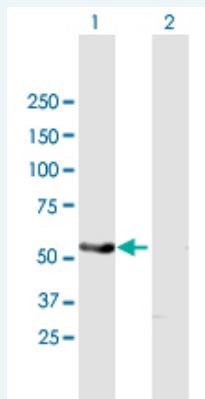
**Application Image**

Western Blot (Transfected lysate)



**Applications**

**Western Blot (Transfected lysate)**



Western Blot analysis of PAK1 expression in transfected 293T cell line ([H00005058-T01](#)) by PAK1 MaxPab polyclonal antibody.

Lane1:PAK1 transfected lysate(49.17 KDa).  
 Lane2:Non-transfected lysate.

## Gene Information

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**Entrez GeneID:** [5058](#)

**GeneBank  
Accession#:** [BC050377.1](#)

**Protein  
Accession#:** [AAH50377.1](#)

**Gene Name:** PAK1

**Gene Alias:** MGC130000,MGC130001,PAKalpha

**Gene  
Description:** p21 protein (Cdc42/Rac)-activated kinase 1

**Omim ID:** [602590](#)

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

**Gene Summary:** PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. These proteins serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK1 regulates cell motility and morphology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other  
Designations:** STE20 homolog, yeast,p21-activated kinase 1,p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast),p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related)

## Gene Pathway

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[Axon guidance](#) [Chemokine signaling pathway](#)  
[Epithelial cell signaling in Helicobacter pylori infection](#) [ErbB signaling pathway](#)  
[Fc gamma R-mediated phagocytosis](#) [Focal adhesion](#) [MAPK signaling pathway](#)  
[Natural killer cell mediated cytotoxicity](#) [Regulation of actin cytoskeleton](#)  
[Renal cell carcinoma](#) [T cell receptor signaling pathway](#)

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