



# 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 MaxPab mouse polyclonal antibody (B01)** MaxPab®

Catalog # : H00005058-B01

規格 : [ 50 uL ]

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  
 PEQWARLLQTSNITKSEQKKNPQAVLDVLEFYNSKKT SNSQKYSFDTK  
 SAEDYNSSNALNVKAVSETPAVPPVSEDEDDDDDDATPPPVIAPRPEHTK  
 SVYTRSVIEPLPVTPTRDVATSPISPTENNTTPPDALTRNTEKQKKKPKMS  
 DEEILEKLR SIVSVGDPKKKYTRFEKIGQGASGTVYTAMDVATGQEVAIK  
 QMNLQQQPKKELIINEILVMRENKPNVNYLDSYLVGDELWVMEYLAG  
 GSLTDVVTETCMDEGQIAAVCRECLQALEFLHSNQVIHRDIKSDNILLGM  
 DGSVKLTDGFGCAQITPEQSKRSTMVGTPYWMapevVTRKAYGPKVDI

**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.

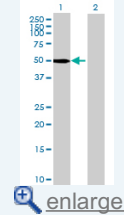
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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

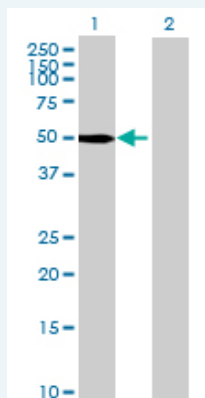
**Application Image**

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.

 [Protocol Download](#)

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## 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. Alternativelt 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)

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## 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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