



# 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 polyclonal antibody (A01)

Catalog # : H00005058-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant PAK1.

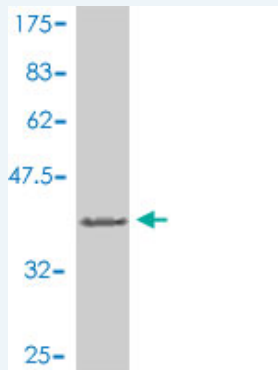
**Immunogen:** PAK1 (NP\_002567, 191 a.a. ~ 280 a.a) partial recombinant protein with GST tag.

**Sequence:** APRPEHTKSVYTRSIVIEPLVPTPTRDVATSPISPTENNTTPPDALTRNTEK QKKKPKMSDEEILEKLR SIVSVGDPKKKYTRFEKIGQGA

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.9 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:** [5058](#)

**GeneBank Accession#:** [NM\\_002576](#)

**Protein** [NP\\_002567](#)

**Accession#:**

**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)

#### **Gene Pathway**

[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](#)

#### **Related Disease**

[Carcinoma, Squamous Cell](#) [Esophageal Neoplasms](#) [HIV Infections](#) [Tobacco Use Disorder](#)

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