



# 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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## PAK4 polyclonal antibody (A01)

Catalog # : H00010298-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant PAK4.

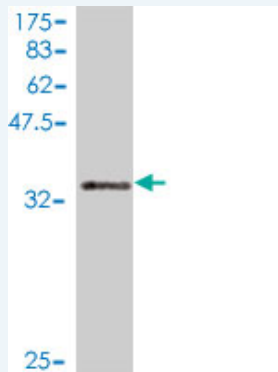
**Immunogen:** PAK4 (AAH02921, 68 a.a. ~ 157 a.a) partial recombinant protein with GST tag.

**Sequence:** KTIVRGSKGAKDGALTLLLDEFENMSVTRSNSLRRDSPPPPARARQENG  
MPEKPPGPRSPQREPQRVSHEQFRAALQLVDPGDPRSULD

**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:** [10298](#)

**GeneBank Accession#:** [BC002921](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein** [AAH02921](#)

**Accession#:**

**Gene Name:** PAK4

**Gene Alias:** -

**Gene** p21 protein (Cdc42/Rac)-activated kinase 4

**Description:**

**Omim ID:** [605451](#)

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

**Gene Summary:** PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is a mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

**Other** p21(CDKN1A)-activated kinase 4,p21-activated kinase 4,protein kinase  
**Designations:** related to S. cerevisiae STE20, effector for Cdc42Hs

#### **Gene Pathway**

[Axon guidance](#) [ErbB signaling pathway](#) [Focal adhesion](#) [Regulation of actin cytoskeleton](#)  
[Renal cell carcinoma](#) [T cell receptor signaling pathway](#)

#### **Related Disease**

[Genetic Predisposition to Disease](#) [Parkinson Disease](#) [Parkinson disease](#)

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