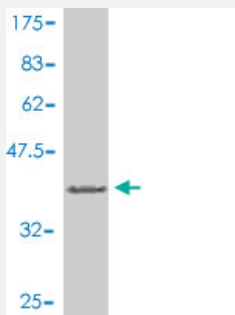


PAK1 polyclonal antibody (A01)

Catalog # H00005058-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (35.9 KDa) .

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	APRPEHTKSVYTRSVIEPLPVTPTRDVATSPISPTENNTTPPDALTRNTEKQKKKPKMSDEEILEKL RSIVSVGDPKKKYTRFEKIGQGA
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.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PAK1

Entrez GeneID [5058](#)

GeneBank Accession# [NM_002576](#)

Protein Accession# [NP_002567](#)

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)

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](#)

Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)