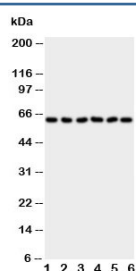


PAK1 Antibody (R30640)

Catalog No.	Formulation	Size
R30640	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q13153
Applications	Western Blot : 0.5-1ug/ml
Limitations	This PAK1 antibody is available for research use only.



Western blot testing of PAK1 antibody and Lane 1: rat testis; 2: rat spleen; 3: SW620; 4: MCF-7; 5: CEM; 6: HT1080; Expected molecular weight 60~70kDa.

Description

Serine/threonine-protein kinase PAK 1 is an enzyme that in humans is encoded by the PAK1 gene. PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activated kinases, include PAK1, -2, -3 and -4. 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. Alternative transcripts of this gene have been found, but their full-length natures have not yet been determined.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the PAK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 1-14 (MSNNGLDIQDKPPA-human) were used as the immunogen for this PAK1 antibody.

Storage

After reconstitution, the PAK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.