Rabbit PAK1 Polyclonal Antibody | anti-PAK1 antibody

PAK1 antibody

CATALOG #	HOST	APPLICATIONS
AAA224923	**Rabbit**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

PAK1; Polyclonal Antibody; PAK1 antibody; Rabbit polyclonal PAK1 antibody; Polyclonal PAK1 antibody; Anti-PAK1 antibody; PAK 1 antibody; Ab 212 antibody; Serine/threonine-protein kinase PAK 1 antibody; PAK-1 antibody; PAK 1; PAK-1; anti-PAK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl,0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	545
Applicable Applications for anti-PAK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	PAK1 antibody was raised in Rabbit using the peptide sequence around aa 210~214 (P-V-T-P-T) derived from Human PAK1 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at-20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PAK1 antibody (left) or the same antibody preincubated with with blocking peptide (right

WB (Western Blot)
Western Blot analysis of extracts from 293 and 3T3 cells using PAK1 antibody

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using PAK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PAK1 antibody	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, 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. Alternative transcripts of this gene have been found, but their full-length natures have not yet been determined.
Product Categories/Family for anti-PAK1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1256422
NCBI GeneID	5058
Molecular Weight	61,632 Da
NCBI Official Full Name	PAK1
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 1
NCBI Official Symbol	PAK1
NCBI Official Synonym Symbols	PAKalpha
NCBI Protein Information	serine/threonine-protein kinase PAK 1
UniProt Protein Name	Serine/threonine-protein kinase PAK 1
UniProt Gene Name	**PAK1**
UniProt Synonym Gene Names	PAK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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