

Rabbit PAK1 Polyclonal Antibody | anti-PAK1 antibody

PAK1 antibody

CATALOG # AAA224817	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

PAK1; Polyclonal Antibody; PAK1 antibody; Rabbit polyclonal PAK1 antibody; Polyclonal PAK1 antibody; Anti-PAK1 antibody; PAK 1; Phospho Thr212 antibody; Serine/threonine-protein kinase PAK 1 antibody; PAK 1 antibody; PAK-1; PAK-1 antibody; 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 phosphorylation site of threonine 212 (P-V-T(p)-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 (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PAK1 (Phospho-Thr212) antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated or treated with forskolin using PAK1 (Phospho-Thr212) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using PAK1 (Phospho-Thr212) 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.