

Rabbit Phospho-PAK1 (T423) Polyclonal Antibody | anti-PAK1 antibody

Phospho-PAK1 (T423) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288458	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat, Rabbit, Xenopus)	ELISA, Dot Blot, Immunofluorescence

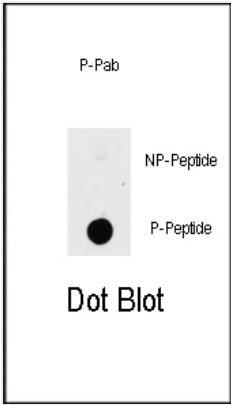
PRODUCT SYNONYMS

Phospho-PAK1 (T423); Polyclonal Antibody; Phospho-PAK1 (T423) Antibody; Serine/threonine-protein kinase PAK 1; Alpha-PAK; p21-activated kinase 1; PAK-1; p65-PAK; PAK1; anti-PAK1 antibody

PRODUCT SPECIFICATIONS

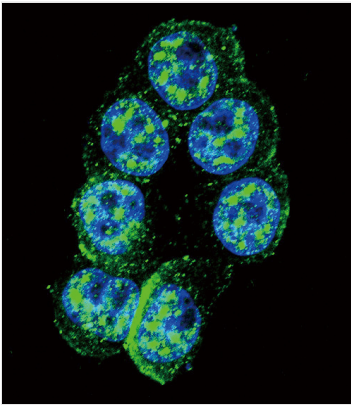
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat, Rabbit, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAK1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T423 of human PAK1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Length	553
Applicable Applications for anti-PAK1 antibody	ELISA, DB (Dot Blot), IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)

Dot blot analysis of anti-PAK1-pT423 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of Phospho-PAK1-pT423 Antibody with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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-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.
Product Categories/Family for anti-PAK1 antibody	Cancer; Cell Biology; Signal Transduction; Phospho Antibodies
References	Li, W., et al., J. Biol. Chem. 279(31):32824-32831 (2004). DerMardirossian, C., et al., Mol. Cell 15(1):117-127 (2004). Weber, D.S., et al., Circ. Res. 94(9):1219-1226 (2004). Balasenthil, S., et al., J. Biol. Chem. 279(2):1422-1428 (2004). Wu, R.F., et al., J. Virol. 78(2):779-789 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886457
NCBI GeneID	5058
NCBI Accession #	NP_001122092.1; NP_002567.3
NCBI GenBank Nucleotide #	NM_001128620.1
UniProt Accession #	Q13153; O75561; Q13567; Q32M53; Q32M54; Q86W79
Molecular Weight	60647
NCBI Official Full Name	serine/threonine-protein kinase PAK 1 isoform 1
NCBI Official Synonym Full Names	p21 protein (Cdc42/Rac)-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-pak1-t423-antibody-dot-blot-immunofluorescence-elisa/288458>