

Rabbit anti-Human PAK2 Polyclonal Antibody | anti-PAK2 antibody

PAK2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286344	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

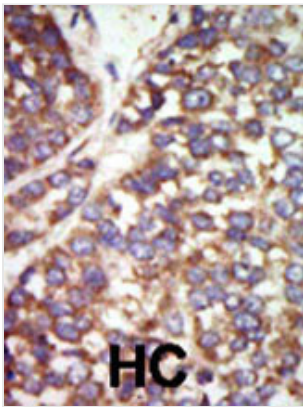
PRODUCT SYNONYMS

PAK2; Polyclonal Antibody; PAK2 Antibody (N-term); Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58; PAK-2p27; p27; PAK-2p34; p34; C-t-PAK2; anti-PAK2 antibody

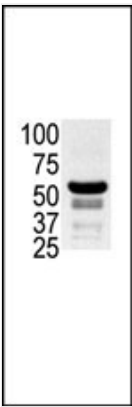
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-222 amino acids from the N-terminal region of human PAK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.8 (varies by lot)
Sequence Positions	192-222
Sequence Length	524
Applicable Applications for anti-PAK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-PAK2 Pab is used in Western blot to detect PAK2 in ovary cell lysate. Data is kindly provided by Elena Black from Boston University (Boston, MA).

ADDITIONAL INFORMATION

Related Product Information for anti-PAK2 antibody	PAK2, a member of the STE20 subfamily of Ser/Thr protein kinases, acts on a variety of targets. It phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. PAK2 interacts tightly with GTP-bound but not GDP-bound CDC42/p21 and RAC1. Expression is ubiquitous, with higher levels seen in skeletal muscle, ovary, thymus and spleen. PAK2 is autophosphorylated when activated by CDC42/p21. The protein structure contains 1 CRIB domain.
Product Categories/Family for anti-PAK2 antibody	Cancer; Cell biology; Neuroscience
References	Benner, G.E., et al., J. Biol. Chem. 270(36):21121-21128 (1995). Martin, G.A., et al., EMBO J. 14(9):1970-1978 (1995). Martin, G.A., et al., EMBO J. 14 (17), 4385 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483399
NCBI GeneID	5062
NCBI Accession #	NP_002568.2
NCBI GenBank Nucleotide #	NM_002577.4
UniProt Accession #	Q13177; Q13154; Q6ISC3
Molecular Weight	58043
NCBI Official Full Name	serine/threonine-protein kinase PAK 2
NCBI Official Synonym Full Names	p21 protein (Cdc42/Rac)-activated kinase 2
NCBI Official Symbol	PAK2
NCBI Official Synonym Symbols	PAK65; PAKgamma
NCBI Protein Information	serine/threonine-protein kinase PAK 2
UniProt Protein Name	Serine/threonine-protein kinase PAK 2
UniProt Gene Name	PAK2
UniProt Synonym Gene Names	PAK-2; p27; p34

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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Online datasheet: <https://www.aaabiotech.com/polyclonal/pak2-antibody-immunohistochemistry-western-blot-elisa/286344>