

Rabbit anti-Human, Rat p21 Protein Activated Kinase 1 Polyclonal Antibody | anti-PAK1 antibody

Polyclonal Antibody to p21 Protein Activated Kinase 1 (PAK1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20863	Rabbit	Human, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

p21 Protein Activated Kinase 1; Polyclonal Antibody; Polyclonal Antibody to p21 Protein Activated Kinase 1 (PAK1); anti-PAK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PAK1. It has been selected for its ability to recognize PAK1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-EILEKLRS IVSVGDPKKK YTRFEKIGQG ASGTVYTAMD VATGQEVAIK QMNLQQPKK ELIINEILVM RENKNPNIVN YLDSYLVGDE LWVMEYLAG GSLTDVVTET CMDEGQIAAV CRECLQALEF LHSNQVIHRD IKSDNILLGM DGSVKLTDFG FCAQITPEQS KRSTMVGTPY WMAPEVVTRK AYGPKVDIWS LGIMAIEIE GEPPYLNENP LRALYLIATN GTPELQNPEK LSAIFRDFLN RC
Applicable Applications for anti-PAK1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Fragment	PAK1 (Glu252~Cys501)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant PAK1 (Glu252~Cys501) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: PAK1 knockout HeLa cell lysate; Predicted MW: 61kd Observed MW: 65kd Primary Ab: 3ug/ml Rabbit Anti-Human PAK1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Lane1: Human HeLa Cells; Lane2: Human Jurkat Cells; Lane3: Rat Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190886457
NCBI GeneID	5058
NCBI Accession #	NP_001122092.1
NCBI GenBank Nucleotide #	NM_001128620.1
UniProt Accession #	Q13153; O75561; Q13567; Q32M53; Q32M54; Q86W79
Molecular Weight	61,632 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 1 isoform 1
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p21-protein-activated-kinase-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20863>