

Rabbit anti-Human, Mouse p21 Protein Activated Kinase 2 Polyclonal Antibody | anti-PAK2 antibody

Polyclonal Antibody to p21 Protein Activated Kinase 2 (PAK2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142136	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

p21 Protein Activated Kinase 2; Polyclonal Antibody; Polyclonal Antibody to p21 Protein Activated Kinase 2 (PAK2); anti-PAK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PAK2. It has been selected for its ability to recognize PAK2 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 GGQMGGRGSE F-ETAPPVIA PRPDHTKSIY TRSVIDPVPA PVGDSHVDGA AKSLDKQKKK TKMTDEEIME KLRTIVSIGD PKKKYTRYEK IGQGASGTVF TATDVALGQE VAIKQINLQK QPKKELINE ILVMKELKNP NIVNFLDSYL VGDELFVME YLAGGSLTDV VTETCMDEAQ IAAVCRECLQ ALEFLHANQV IHRDIK
Sequence Length	524
Applicable Applications for anti-PAK2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PAK2 (Glu177~Ala419)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant PAK2 (Glu177~Ala419) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
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



Application Data

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: PAK2 knockout Jurkat cell lysate; Predicted MW: 58kd Observed MW: 58kd Primary Ab: 5ug/ml Rabbit Anti-Human PAK2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Kidney Tissue



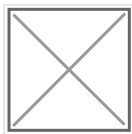
IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded pancreas cancer tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Human PAK2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK2 antibody	Knock-Out Validation Antibody
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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	58,043 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 2
NCBI Official Synonym Full Names	p21 (RAC1) 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.

