

Rabbit anti-Human PAK2-S20 Monoclonal Antibody | anti-PAK2 antibody

Phospho-PAK2-S20 Rabbit mAb

CATALOG # AAA283161	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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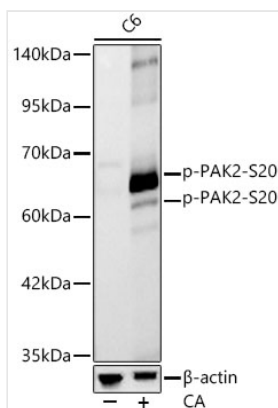
PRODUCT SYNONYMS

PAK2-S20; Monoclonal Antibody; Phospho-PAK2-S20 Rabbit mAb; KNO2; PAK65; PAKgamma; Phospho-PAK2-S20; anti-PAK2 antibody

PRODUCT SPECIFICATIONS

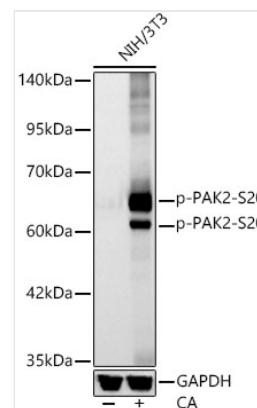
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSSTI
Applicable Applications for anti-PAK2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around S20 of human PAK2 (NP_002568.2).
Modification	Phospho S20
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells, using Phospho-PAK2-S20 Rabbit mAb (AAA283161) at 1:2000 dilution. C6 cells were treated by Calyculin A (100 nM) at 37° for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using Phospho-PAK2-S20 Rabbit mAb (AAA283161) at 1:2000 dilution. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37° for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK2 antibody	The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.
Product Categories/Family for anti-PAK2 antibody	Protein phosphorylation; Cancer; Signal Transduction; Kinase; Serine threonine kinases; MAPK-Erk Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Microtubules; TGF-b-Smad Signaling Pathway; Immunology Inflammation; Phosphorylated Antibodi

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	Calculated MW: 58kDa Observed MW: 61kDa/67kDa
UniProt Protein Name	Serine/threonine-protein kinase PAK 2
UniProt Gene Name	PAK2
UniProt Synonym Gene Names	PAK-2; p27; p34
UniProt Entry Name	PAK2_HUMAN

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/monoclonal/pak2-s20-antibody-western-blot-elisa/283161>