

Rabbit anti-Human PAK6 Polyclonal Antibody | anti-PAK6 antibody

PAK6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300982	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

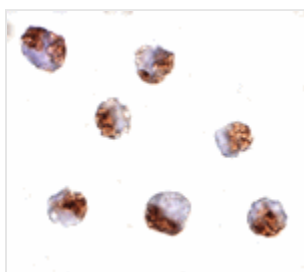
PRODUCT SYNONYMS

PAK6; Polyclonal Antibody; PAK6 Antibody; p21-activated kinase 6; anti-PAK6 antibody

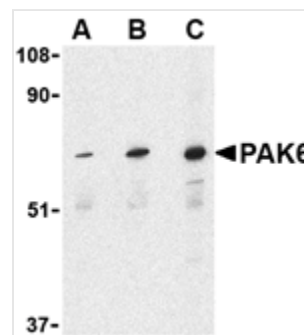
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	681
Applicable Applications for anti-PAK6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide from near the center of human PAK6.
Target Name	PAK6
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of PAK6 in Raji cells with PAK6 antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of PAK6 in Raji lysate with PAK6 antibody at (A) 1, (B) 2, and (C) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK6 antibody	The p21-activated kinases (PAKs) are serine-threonine kinases that bind to the active forms of Cdc42 and Rac. They are divided into two groups, the first of which include PAK1, 2 and 3, and can be activated by Cdc42/Rac binding. Group 1 PAKs contain an autoinhibitory domain whose activity is regulated by Cdc42/Rac binding. The group 1 PAKs are known to be involved in cellular processes such as gene transcription, apoptosis, and cell morphology and motility. Much less is known about the second group, which includes PAK4, 5 and 6. These proteins are not activated by Cdc42/Rac binding. PAK6 was initially identified as an androgen receptor in a yeast two hybrid screen and was found to be highly expressed in testis and prostate tissues. Later experiments have shown it to be activated by MAP kinase kinase 6 and p38 MAP kinase, suggesting that PAK6 may play a role in the cellular response to stress-related signals.
Product Categories/Family for anti-PAK6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910476
NCBI GeneID	56924
NCBI Accession #	NP_064553
NCBI GenBank Nucleotide #	NM_020168.5
Molecular Weight	69,777 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 6 isoform 1
NCBI Official Synonym Full Names	p21 protein (Cdc42/Rac)-activated kinase 6
NCBI Official Symbol	PAK6
NCBI Official Synonym Symbols	PAK5
NCBI Protein Information	serine/threonine-protein kinase PAK 6
UniProt Protein Name	Serine/threonine-protein kinase PAK 6
UniProt Gene Name	PAK6
UniProt Synonym Gene Names	PAK5; PAK-6
UniProt Entry Name	PAK6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pak6-antibody-immunohistochemistry-western-blot-elisa/300982>