

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

PAK6 Antibody (Center)

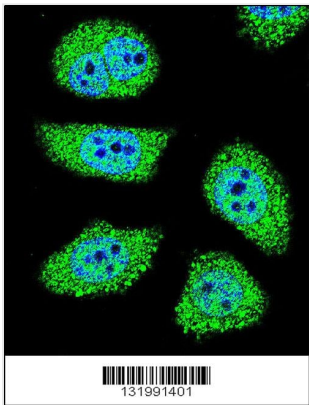
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287668	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

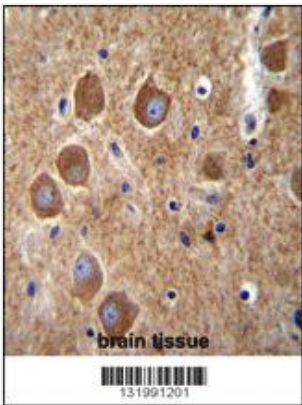
PAK6; Polyclonal Antibody; PAK6 Antibody (Center); Serine/threonine-protein kinase PAK 6; PAK-5; p21-activated kinase 6; PAK-6; PAK5; anti-PAK6 antibody

PRODUCT SPECIFICATIONS

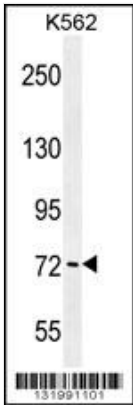
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAK6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-297 amino acids from the Central region of human PAK6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	268-297
Sequence Length	636
Applicable Applications for anti-PAK6 antibody	IF (Immunofluorescence), 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.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PAK6 Antibody (Center) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohiostchemistry)
PAK6 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PAK6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PAK6 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PAK6 antibody detected the PAK6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PAK6 antibody	This gene encodes a member of the p21-activated kinase (PAK) family. The proteins of this family are Rac/Cdc42-associated Ste20-like Ser/Thr protein kinases, characterized by a highly conserved amino-terminal Cdc42/Rac interactive binding (CRIB) domain and a carboxyl-terminal kinase domain. PAK kinases are implicated in the regulation of a number of cellular processes, including cytoskeleton rearrangement, apoptosis and the MAP kinase signaling pathway. The protein encoded by this gene was found to interact with androgen receptor (AR), which is a steroid hormone-dependent transcription factor that is important for male sexual differentiation and development. This gene was found to be highly expressed in testis and prostate tissues and the encoded protein was shown to cotranslocate into the nucleus with AR in response to androgen. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].
Product Categories/Family for anti-PAK6 antibody	Signal Transduction

References	Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Lee, E.J., et al. Oncol. Res. 18(9):401-408(2010) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009) Shen, M., et al. Environ. Mol. Mutagen. 50(4):285-290(2009)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	191252780
NCBI GeneID	56924
NCBI Accession #	NP_001122100.1; NP_001122101.1; NP_001263646.1; NP_001263647.1; NP_064553.1
NCBI GenBank Nucleotide #	NM_001128628.2
UniProt Accession #	Q9NQU5; A8K2G2; B3KYB0; G5E9R2
Molecular Weight	74869
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pak6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/287668>