

Rabbit PAK6 Polyclonal Antibody | anti-PAK6 antibody

Anti-PAK6 antibody

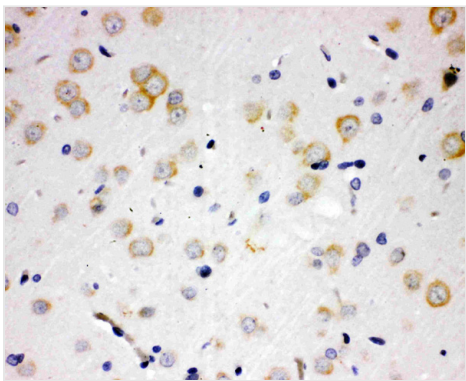
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44986	Rabbit	Human, Rat, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

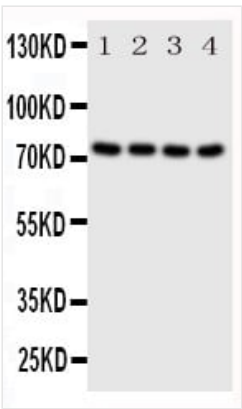
PAK6; Polyclonal Antibody; Anti-PAK6 antibody; Serine/threonine-protein kinase PAK 6; p21 protein(Cdc42/Rac)-activated kinase 6; CDKN1A activated kinase 6 antibody; EC 2.7.1.37 antibody; p21 activated protein kinase 6 antibody; p21 protein(Cdc42/Rac)-activated kinase 6 antibody; p21(CDKN1A) activated kinase 6 antibody; p21-activated kinase 6 antibody; p21activated kinase 6 antibody; PAK 5 antibody; PAK 6 antibody; PAK-5 antibody; PAK-6 antibody; PAK5 antibody; Pak6 antibody; PAK6_HUMAN antibody; Serine threonine protein kinase PAK 6 antibody; Serine/threonine protein kinase PAK 6 antibody; Serine/threonine protein kinase PAK6 antibody; Serine/threonine-protein kinase PAK 6 antibody; anti-PAK6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	681
Applicable Applications for anti-PAK6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human PAK6 (16-32aa QNFQHRVHTSFDPKEGK), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-PAK6 antibody, AAA44986, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-PAK6 antibody, AAA44986, Western blottingAll lanes: Anti PAK6 (AAA44986) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: 293T Whole Cell Lysate at 40ugLane 3: RAJI Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 75KDObserved bind size: 75KD

ADDITIONAL INFORMATION

Related Product Information for anti-PAK6 antibody

Description: Rabbit IgG polyclonal antibody for Serine/threonine-protein kinase PAK 6(PAK6) detection. Tested with WB, IHC-P in Human, Rat, Mouse.

Background: Serine/threonine-protein kinase PAK 6(p21 Protein-activated Kinase 6) is an enzyme that in humans is encoded by the PAK6 gene. The PAK6 gene is mapped to chromosome 15q15. based on an alignment of the PAK6 sequence with the genomic sequence. This gene encodes a protein that shares a high degree of sequence similarity with p21-activated kinase(PAK) family members. 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. The p21-activated protein kinase 6 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23396789
NCBI GeneID	56924
UniProt Accession #	Q9NQU5; A8K2G2; B3KYB0; G5E9R2
Molecular Weight	69,777 Da
NCBI Official Full Name	Serine/threonine-protein kinase PAK 6
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; p21(CDKN1A)-activated kinase 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/44986>