

Rabbit PAK6 Polyclonal Antibody | anti-PAK6 antibody

Rabbit Polyclonal to Human PAK6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52041	Rabbit	Gibbon, Dog, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Goat, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

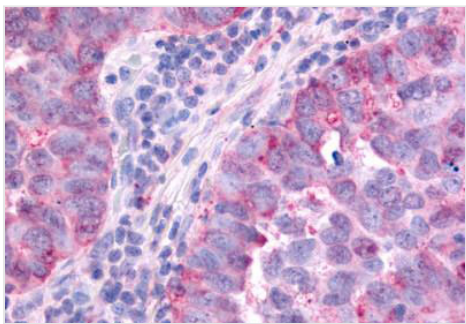
PRODUCT SYNONYMS

PAK6; Polyclonal Antibody; Rabbit Polyclonal to Human PAK6; Anti-PAK6 Antibody (Linker Domain) IHC-plus; PAK5; p21-activated kinase 6; p21-activated protein kinase 6; PAK-5; PAK-6; p21(CDKN1A)-activated kinase 6; Human PAK6; anti-PAK6 antibody

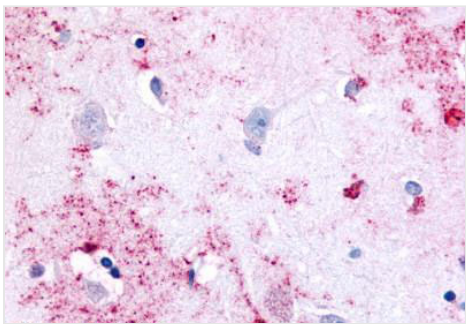
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Dog, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Goat, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PAK6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	681
Applicable Applications for anti-PAK6 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from Linker domain of human PAK6. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Horse (100%); Goat, Elephant, Panda, Rabbit (94%); Hamster, Bovine (89%).
Immunogen Type	Synthetic peptide
Immunogen	PAK6 antibody was raised against synthetic 18 amino acid peptide from Linker domain of human PAK6. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Horse (100%); Goat, Elephant, Panda, Rabbit (94%); Hamster, Bovine (89%); Mouse, Bat (83%).
Antigen Modification	Linker Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PAK6 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PAK6 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK6 antibody	PAK6, a PAK (STE20) type protein kinase, contains a N-terminal Cdc42/Rac interactive binding (CRIB) motif and a C-terminal kinase domain. The protein has been shown to bind to GTP-Cdc42 and GTP-Rac; however, in contrast to most PAKs, kinase activity was not stimulated by Cdc42 or Rac, but could be stimulated by androgen receptor (AR) binding. PAK6 protein also has been shown to bind to estrogen receptor alpha.
Product Categories/Family for anti-PAK6 antibody	Family: Protein Kinase; Subfamily: PAK (STE20)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910476
NCBI GeneID	56924
NCBI Accession #	NP_064553.1
NCBI GenBank Nucleotide #	NM_020168.5
UniProt Accession #	Q9NQU5; A8K2G2; B3KYB0; G5E9R2
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; 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.