

DNAxPAb

Hard-to-Find
Antibody

PAK6 DNAxPab

Catalog # H00056924-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PAK6 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MFRKKKKKRPEISAPQNFQHRVHTSFDPKEGKFVGLPPQWQNILDTLRRPKPVVDPSRITRVQLQ PMKTVVRGSAMPVDGYISGLLNDIQKLSVISSNTLRGRSPTSRRAQSLGLLGDEHWATDPDML QSPQSERTPHGLYLSCNGGTPAGHKQMPWPEPQSPRVLPNGLAAKAQSLGPAEFQGASQRC LQLGACLQSSPPGASPTGTNRHGMKAAKHGSEEARPQSCLVGSATGRPGGEGSPSPKTRES SLKRRLFRSMFLSTAATAPPSSSKPGPPPQSKPNSSFRPPQKDNPPSLVAKAQSLPSDQPVGT FSPLTTSDTSSPQKSLRTAPATGQLPGRSSPAGSPRTWHAQISTSNLYLPQDPTVAKGALAGEDT GVVTHEQFKAALRMVVDQGDPRLLLD SYVKIGEGSTGVCLAREKHSGRQVAVKMMDLRKQQR ELLFNEVVIMRDYQHFNVEMYKSYLVGEELWVLMFLQGGALTDV SQVRLNEEQIATVCEAVLQ ALAYLHAQGVHRDIKSDSILLTDGRVKLSDFGFCQISKDVPKRKSLVGTPYWMapevisrSLYA TEVDIWSLGIMVIEMVDGEPPYFSDSPVQAMKRLRDSPPPKLKNSHKVSPVLRDFLERMLVRDP QERATAQELLDHPFLQTGLPECLVPLIQLYRKQTSTC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PAK6

Entrez GeneID [56924](#)

GeneBank Accession# [NM_020168.3](#)

Protein Accession# [NP_064553.1](#)

Gene Name PAK6

Gene Alias PAK5

Gene Description p21 protein (Cdc42/Rac)-activated kinase 6

Omim ID [608110](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations p21(CDKN1A)-activated kinase 6|p21-activated kinase 6|p21-activated protein kinase 6

Pathway

- [Axon guidance](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)

- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [T cell receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)