

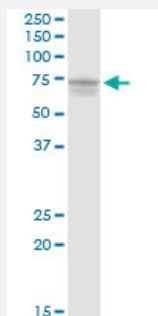
MaxPab®

PAK6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00056924-D01P

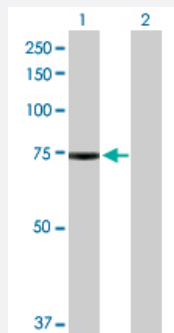
Size 100 ug

Applications



Western Blot (Cell lysate)

PAK6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PAK6 expression in HeLa.

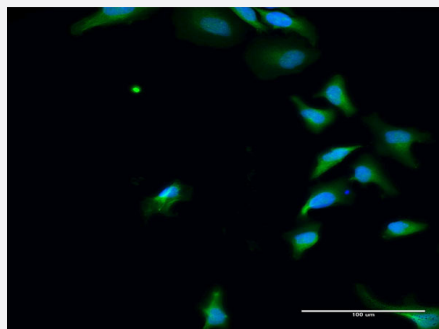


Western Blot (Transfected lysate)

Western Blot analysis of PAK6 expression in transfected 293T cell line ([H00056924-T02](#)) by PAK6 MaxPab polyclonal antibody.

Lane 1: PAK6 transfected lysate(74.90 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PAK6 on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PAK6 protein.

Immunogen	PAK6 (NP_064553.1, 1 a.a. ~ 681 a.a) full-length human protein.
Sequence	MFRKKKKKRPEISAPQNFQHRVHTSFDPKEGKFVGLPPQWQNILDTLRRPKPVVDPSRITRVQLQ PMKTVVRGSAMPVDGYISGLLNDIQKLSVISSNTLRGRSPTSRRAQSLGLLGDEHWATDPDMYL QSPQSERTPHGLYLSCNGGTPAGHKQMPWPEPQSPRVLPNGLAAKAQSLGPAEFQGASQRC LQLGACLQSSPPGASPPGTGTRHGMKAAKHGSEEARPQSCLVGSATGRPGGEGSPSPKTRES SLKRRLFRSMFLSTAATAPPSSSKPGPPPQSKPNSSFRPPQKDNPPSLVAKAQSLPSDQPVGT FSPLTTSDTSSPQKSLRTAPATGQLPGRSSPAGSPRTWHAQISTSNLYLPQDPTVAKGALAGEDT GVVTHEQFKAALRMVVDQGDPRLLLD SYVKIGEGSTGIVCLAREKHSGRQVAVKMMDLRKQQR ELLFNEVVIMRDYQHFNVVEMYKSYLVGEELWVLMFLQGGALTDIVSQVRLNEEQIATVCEAVLQ ALAYLHAQGVHRDIKSDSILLTDGRVKLSDFGFCQISKDVPKRKSLVGTPYWMapevisrSLYA TEVDIWSLGIMVIEMVDGEPYPFSDSPVQAMKRLRDSPPPKLNshkvSPVLRDFLERMLVRDP QERATAQELLDPFLQTGLPECLVPLIQLYRKQTSTC
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
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 (Cell lysate)

PAK6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PAK6 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PAK6 expression in transfected 293T cell line ([H00056924-T02](#)) by PAK6 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PAK6 on HeLa cell. [antibody concentration 20 ug/ml]

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](#)