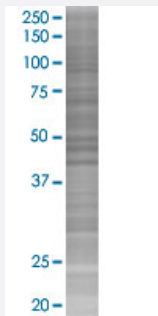


PAK6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056924-T02

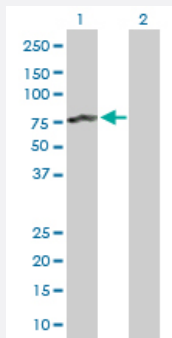
Size 100 uL

Applications



SDS-PAGE Gel

PAK6 transfected lysate.



Western Blot

Lane 1: PAK6 transfected lysate (74.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PAK6 full-length
Host	Human
Theoretical MW (kDa)	74.9
Interspecies Antigen Sequence	Mouse (92); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PAK6 antibody ([H00056924-B01](#)) by Western Blots.
SDS-PAGE Gel
PAK6 transfected lysate.
Western Blot
Lane 1: PAK6 transfected lysate (74.90 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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](#)