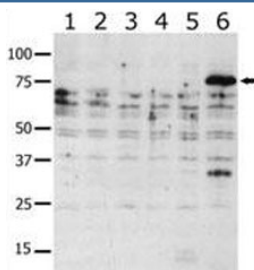


## PAK6 Antibody (F50895)

Catalog No.	Formulation	Size
F50895-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50895-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q9NQ5
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This PAK6 antibody is available for research use only.



Western blot analysis of PAK6 antibody in lysate from transiently transfected COS7 cells. Lane 1: negative control, 2: PAK1, 3: PAK2, 4: PAK4, 5: PAK5, and 6: PAK6-expressing cells.

## Description

The PAK6 protein 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. PAK6 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.

## **Application Notes**

Titration of the PAK6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 116-146 from the human protein was used as the immunogen for this PAK6 antibody.

## **Storage**

Aliquot the PAK6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.