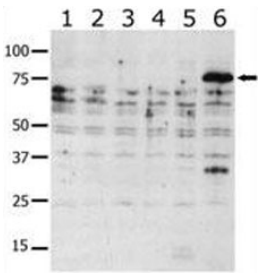
PAK6 Antibody (F50895)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9NQU5
Applications	Western blot: 1:1000
Limitations	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.

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