

PAK6 Antibody FITC Conjugated

Catalog No: #C05182F

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Description

Product Name	PAK6 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PAK6
Conjugates	FITC
Target Name	PAK6
Other Names	CDKN1A activated kinase 6; p21 activated protein kinase 6; p21 protein Cdc42 Rac-activated kinase 6; p21CDKN1A activated kinase 6; p21-ACTIVATED KINASE 6; p21activated kinase 6; PAK 5; PAK 6; PAK5; Serine threonine protein kinase PAK 6; Serine threonine protein kinase PAK 6; Serine threonine protein
Accession No.	NCBI Gene ID56924
GeneID	56924;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

This gene encodes a protein that 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. 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. 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.

Note: This product is for in vitro research use only