

Datasheet for ABIN754623

anti-PAK6 antibody (AA 511-610) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PAK6
Binding Specificity:	AA 511-610
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK6 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PAK6
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PAK6
Alternative Name:	PAK6 (PAK6 Products)

Target Details

Background:	Synonyms: 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 kinase PAK6, EC 2.7.1.37, PAK-5, PAK-6, Pak6, PAK6_HUMAN. 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.
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Gene ID:	56924
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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