

Datasheet for ABIN3032121
anti-PAK6 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	PAK6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human PAK6 (QNFQHRVHTSFDPKEGK) was used as the immunogen for this PAK6 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	PAK6
Alternative Name:	PAK6 (PAK6 Products)
Background:	P21 protein-activated kinase 6 is an enzyme that in humans is encoded by the PAK6 gene. 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

Target Details

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.

UniProt: [Q9NQU5](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the PAK6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.

Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL

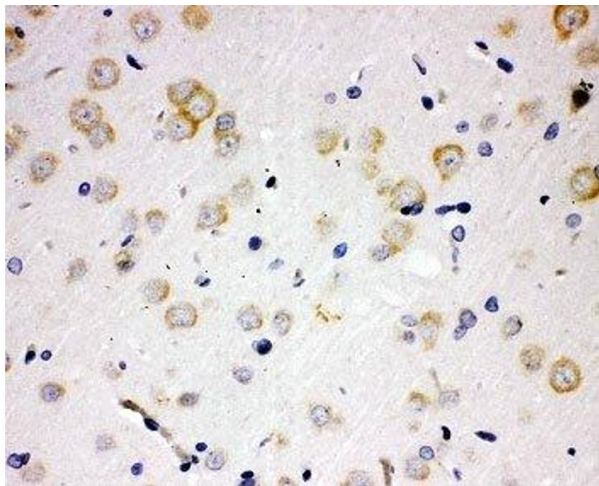
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

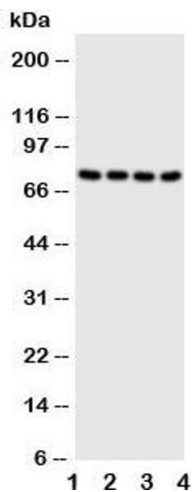
Storage: -20 °C

Storage Comment: After reconstitution, the PAK6 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



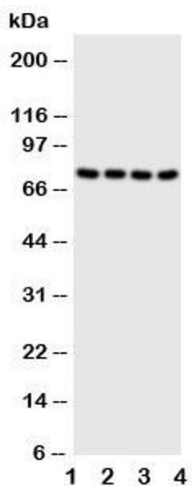
Immunohistochemistry

Image 1. IHC-P: PAK6 antibody testing of rat brain tissue



Western Blotting

Image 2. Western blot testing of PAK6 antibody and Lane 1: HeLa; 2: 293T; 3: Raji; 4: COLO320 cell lysate



Western Blotting

Image 3. Western blot testing of PAK6 antibody and Lane 1: HeLa