

Datasheet for ABIN3032120  
**anti-PAK6 antibody (AA 268-297)**[Go to Product page](#)

## 5 Images

## Overview

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Quantity:            | 0.4 mL                                                                            |
| Target:              | PAK6                                                                              |
| Binding Specificity: | AA 268-297                                                                        |
| Reactivity:          | Human                                                                             |
| Host:                | Rabbit                                                                            |
| Clonality:           | Polyclonal                                                                        |
| Conjugate:           | This PAK6 antibody is un-conjugated                                               |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|               |                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------|
| Immunogen:    | A portion of amino acids 268-297 from the human protein was used as the immunogen for this PAK6 antibody. |
| Isotype:      | Ig Fraction                                                                                               |
| Purification: | Antigen affinity purified                                                                                 |

## Target Details

|                   |                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PAK6                                                                                                                                                                                                                                                                         |
| Alternative Name: | PAK6 ( <a href="#">PAK6 Products</a> )                                                                                                                                                                                                                                       |
| Background:       | This gene encodes a member of the p21-activated kinase (PAK) family. 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- |

## Target Details

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. This 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. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].

UniProt: [Q9NQU5](#)

## Application Details

Application Notes: Titration of the PAK6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

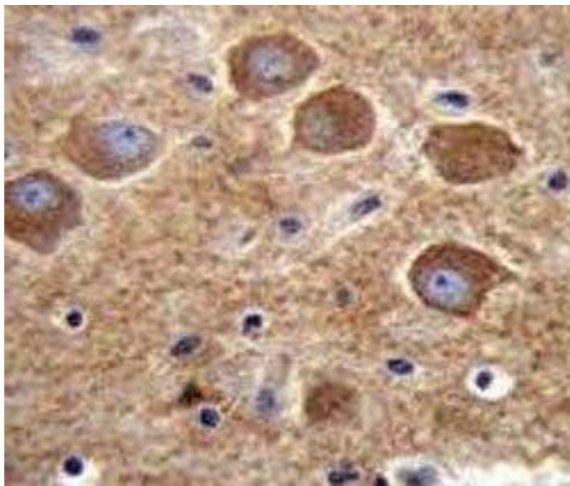
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

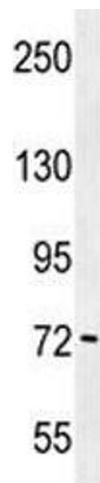
Storage: -20 °C

Storage Comment: Aliquot the PAK6 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



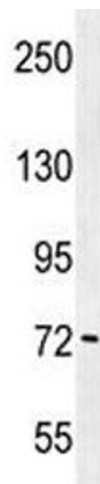
#### Immunohistochemistry

**Image 1.** PAK6 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



#### Western Blotting

**Image 2.** PAK6 antibody western blot analysis in K562 lysate.



#### Western Blotting

**Image 3.** PAK6 antibody western blot analysis in K562 lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3032120.