

Datasheet for ABIN543072  
**anti-PAK1 antibody (Thr423)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	400 µL
Target:	PAK1
Binding Specificity:	Thr423
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PAK1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding T423 of human PAK1.
Cross-Reactivity:	Human

## Target Details

Target:	PAK1
Alternative Name:	PAK1 ( <a href="#">PAK1 Products</a> )
Gene ID:	5058
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> ,

## Target Details

Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Skeletal Muscle Fiber Development, CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, Signaling of Hepatocyte Growth Factor Receptor, Embryonic Body Morphogenesis

## Application Details

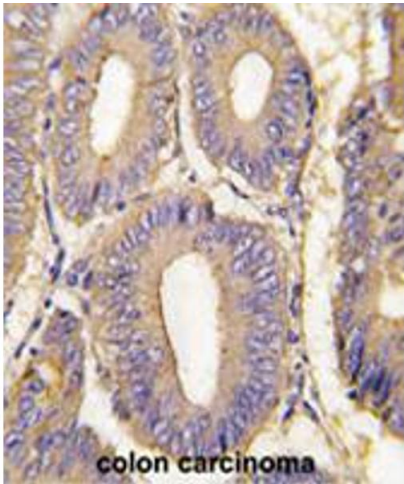
Application Notes:	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In PBS (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:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

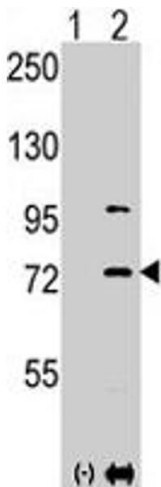
## Publications

Product cited in:	Chen, Yin, Zhu, Yan, Ji, Chen, Cai, Zhang, Zong, Hu, Yuan, Shen, Gu: "The C-terminal kinase domain of the p34cdc2-related PITSLRE protein kinase (p110C) associates with p21-activated kinase 1 and inhibits its activity during anoikis." in: <b>The Journal of biological chemistry</b> , Vol. 278, Issue 22, pp. 20029-36, (2003) ( <a href="#">PubMed</a> ).
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Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with PAK1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Western blot analysis of PAK1 (arrow) using PAK1 polyclonal antibody . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PAK1 gene (Lane 2) (Origene Technologies).