

Datasheet for ABIN543264
anti-PAK7 antibody (AA 183-198)[2 Images](#)[3 Publications](#)[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PAK7
Binding Specificity:	AA 183-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PAK7.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 183-198 of human PAK7.
Cross-Reactivity:	Human

Target Details

Target:	PAK7
Alternative Name:	PAK7 / PAK5 (PAK7 Products)
Gene ID:	57144

Application Details

Application Notes:	Western Blot (1:1000) Immunoprecipitation (1:100) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
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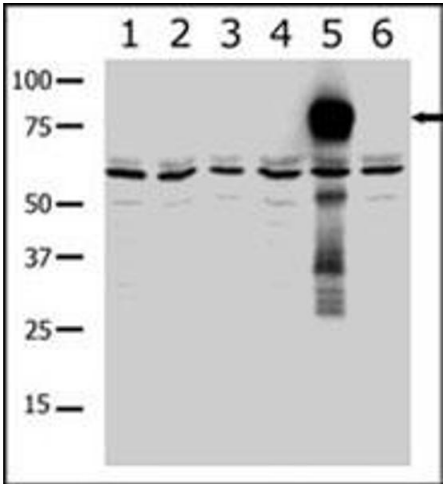
Restrictions:	For Research Use only
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Handling

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:	Jaffer, Chernoff: "p21-activated kinases: three more join the Pak." in: The international journal of biochemistry & cell biology , Vol. 34, Issue 7, pp. 713-7, (2002) (PubMed).
	Pandey, Dan, Kristiansen, Watanabe, Voldby, Kajikawa, Khosravi-Far, Blagoev, Mann: "Cloning and characterization of PAK5, a novel member of mammalian p21-activated kinase-II subfamily that is predominantly expressed in brain." in: Oncogene , Vol. 21, Issue 24, pp. 3939-48, (2002) (PubMed).
	Dan, Nath, Liberto, Minden: "PAK5, a new brain-specific kinase, promotes neurite outgrowth in N1E-115 cells." in: Molecular and cellular biology , Vol. 22, Issue 2, pp. 567-77, (2001) (PubMed).



Western Blotting

Image 1. Western blot analysis of PAK7 polyclonal antibody in lysates from transiently transfected COS-7 cells. Lane 1 : negative control. Lane 2 : PAK1-expressing cells. Lane 3 : PAK2-expressing cells. Lane 4 : PAK4-expressing cells. Lane 5 : PAK5-expressing cells. Lane 6 : PAK6-expressing cells. PAK5 (arrow) was detected using purified polyclonal antibody. Data is kindly provided by Drs. Z.M. Jaffer and J. Chernoff from the Fox Chase Cancer Center (Philadelphia, PA) .

Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with PAK7 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.