

## Datasheet for ABIN7269143 anti-PAK7 antibody (AA 600-700)



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	PAK7
Binding Specificity:	AA 600-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK7 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	PAK5 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 600-700 of human PAK5 (NP_065074.1).
Sequence:	RKSLVGTPYW MAPEVISRLP YGTEVDIWSL GIMVIEMIDG EPPYFNEPPL QAMRRIRDSL PPRVKDLHKV SSVLRGFLDL MLVREPSQRA TAQELLGHPF L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

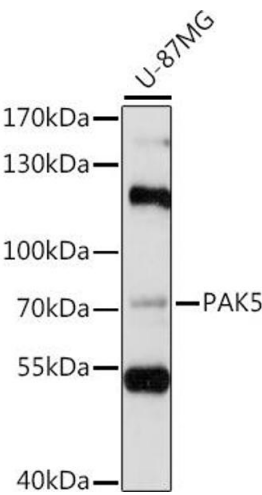
Target:	PAK7
Alternative Name:	PAK5 ( <a href="#">PAK7 Products</a> )
Background:	<p>The protein encoded by this gene is a member of the PAK family of Ser/Thr protein kinases. PAK family members are known to be effectors of Rac/Cdc42 GTPases, which have been implicated in the regulation of cytoskeletal dynamics, proliferation, and cell survival signaling. This kinase contains a CDC42/Rac1 interactive binding (CRIB) motif, and has been shown to bind CDC42 in the presence of GTP. This kinase is predominantly expressed in brain. It is capable of promoting neurite outgrowth, and thus may play a role in neurite development. This kinase is associated with microtubule networks and induces microtubule stabilization. The subcellular localization of this kinase is tightly regulated during cell cycle progression.</p> <p>Alternatively spliced transcript variants encoding the same protein have been described.,PAK5,PAK7,Signal Transduction,Kinase,Cell Biology &amp; Developmental Biology,Apoptosis,TGF-b-Smad Signaling Pathway,Neuroscience,PAK5</p>
Molecular Weight:	80kDa
Gene ID:	57144
UniProt:	<a href="#">Q9P286</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of U-87MG cells, using P antibody (ABIN7269143) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.