

# PAK5 Polyclonal Antibody

Catalog No: #29466



Package Size: #29466-1 50ul #29466-2 100ul

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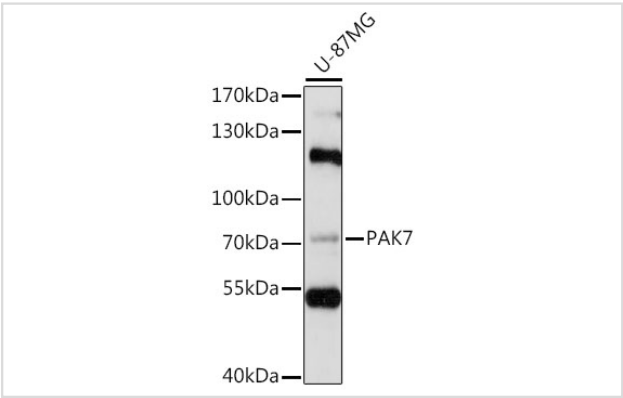
## Description

Product Name	PAK5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	A synthetic peptide of human PAK7 (NP_065074.1).
Other Names	PAK5; PAK7; p21 (RAC1) activated kinase 5
Accession No.	Swiss-Prot#:Q9P286NCBI Gene ID:57144
Uniprot	Q9P286
GeneID	57144;
Calculated MW	81kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of U-87MG cells, using PAK7 at 1:1000 dilution.

## Background

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. Alternatively spliced transcript variants encoding the same protein have been described.

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Note: This product is for in vitro research use only