

PAK5/PAK7 Polyclonal Antibody

CATALOG #:	3928-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 90 of human PAK5/PAK7 (Internal ID# BV-D53)
SPECIES:	Human, Mouse, Rat, Dog

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human PAK5/PAK7 polyclonal antibody in phosphate (PBS, pH 7.2) containing 30% glycerol, 0.5 % BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freezing/defrost cycles.

BACKGROUND DESCRIPTION:

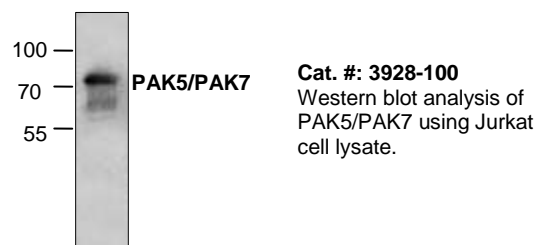
The PAK (p21-activated kinase) family of serine/threonine kinases plays an important role in multiple cellular processes, including cytoskeletal reorganization, MAPK signaling, apoptotic signaling, etc. PAK 5 is known for promoting neurite outgrowth and thus predominantly expressed in the brain. PAK 5 contains CDC42/Rac1 and has shown to bind CDC42 in the presence of GTP. PAK 5 also plays an important role in inhibiting apoptotic cascade through BAD phosphorylation.

SPECIFICITY:

The antibody recognizes ~80 kDa of Pak5/PAK7 from samples of human, mouse, rat and dog origins. Reactivity to other species has not been determined.

APPLICATION:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide is available separately (Cat.# 3928BP-50).



FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies