

Rabbit PAK7 Polyclonal Antibody | anti-PAK7 antibody

PAK7 Antibody

CATALOG # AAA306503	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	---

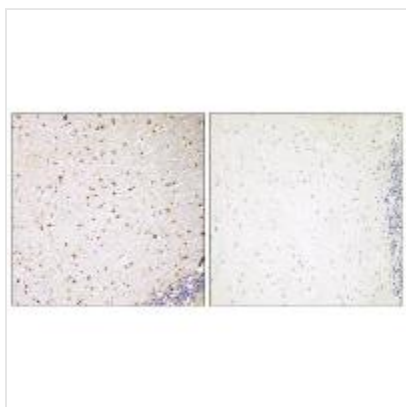
PRODUCT SYNONYMS

PAK7; Polyclonal Antibody; PAK7 Antibody; KIAA1264; p21-activated kinase 7; PAK 7; PAK-5; PAK-7; anti-PAK7 antibody

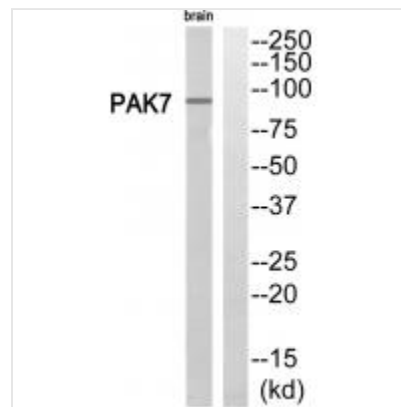
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PAK7 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-PAK7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human PAK7.
Target Name	PAK7
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PAK7 antibody.


WB (Western Blot)

Western blot analysis of extracts from rat brain cells, using PAK7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK7 antibody	Serine/threonine protein kinase that plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, proliferation or cell survival. Activation by various effectors including growth factor receptors or active CDC42 and RAC1 results in a conformational change and a subsequent autophosphorylation on several serine and/or threonine residues. Phosphorylates the proto-oncogene RAF1 and stimulates its kinase activity. Promotes cell survival by phosphorylating the BCL2 antagonist of cell death BAD. Phosphorylates CTNND1, probably to regulate cytoskeletal organization and cell morphology. Keeps microtubules stable through MARK2 inhibition and destabilizes the F-actin network leading to the disappearance of stress fibers and focal adhesions.Pandey A., Oncogene 21:3939-3948(2002).Nagase T., DNA Res. 6:337-345(1999).Deloukas P., Nature 414:865-871(2001).
Product Categories/Family for anti-PAK7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308191
NCBI GeneID	57144
NCBI Accession #	NP_065074.1
NCBI GenBank Nucleotide #	NM_020341.3
UniProt Accession #	Q9P286; Q5W115; Q9BX09; Q9ULF6; A8K5T6; D3DW14
Molecular Weight	80,745 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 7
NCBI Official Synonym Full Names	p21 protein (Cdc42/Rac)-activated kinase 7
NCBI Official Symbol	PAK7
NCBI Official Synonym Symbols	PAK5
NCBI Protein Information	serine/threonine-protein kinase PAK 7
UniProt Protein Name	Serine/threonine-protein kinase PAK 7
UniProt Gene Name	PAK7
UniProt Synonym Gene Names	KIAA1264; PAK5; PAK-5; PAK-7
UniProt Entry Name	PAK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pak7-antibody-immunohistochemistry-western-blot-elisa/306503>