

Rabbit PAK1/2/3 Polyclonal Antibody | anti-PAK1/2/3 antibody

PAK1/2/3 (Phospho-Ser144/141/139) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316208	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

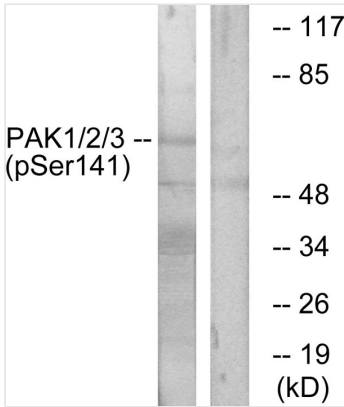
PRODUCT SYNONYMS

PAK1/2/3; Polyclonal Antibody; PAK1/2/3 (Phospho-Ser144/141/139) Antibody; Gamma-PAK; P21-activated kinase 2; PAK 2; PAK-2; PAK65; PAKI; S6/H4 kinase; kinase PAK2; p21-activated kinase 2; p21-activated protein kinase IBeta-PAK; CDC42/RAC effector kinase PAK-B; OPHN3; Oligophrenin-3; P65-PAK; PAK 3; PAK-3; PAKB; STK4; Serine/thre; anti-PAK1/2/3 antibody

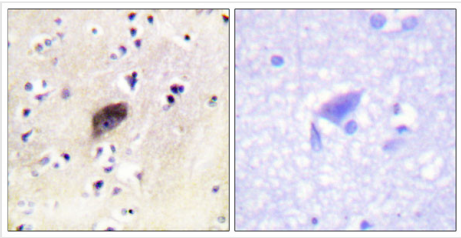
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PAK1/2/3 (Phospho-Ser144/141/139) Antibody detects endogenous levels of PAK1/2/3 only when phosphorylated at Ser144/141/139.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
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 mg/ml (varies by lot)
Sequence Length	553
Applicable Applications for anti-PAK1/2/3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S144/141/139; M:S144/141/139; R:S144/141/139
Immunogen	The antiserum was produced against synthesized peptide derived from human PAK1/2/3 around the phosphorylation site of Ser144/141/139.
Immunogen Range	111-160
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from mouse brain, using PAK1/2/3 (Phospho-Ser144/141/139) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using PAK1/2/3 (Phospho-Ser144/141/139) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886457
NCBI GeneID	5058
NCBI Accession #	NP_001122092.1
NCBI GenBank Nucleotide #	NM_001128620.1
UniProt Accession #	Q13153; O75561; Q13567; Q32M53; Q32M54; Q86W79
Molecular Weight	57 kDa
NCBI Official Full Name	serine/threonine-protein kinase PAK 1 isoform 1
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 1
NCBI Official Symbol	PAK1
NCBI Official Synonym Symbols	PAKalpha
NCBI Protein Information	serine/threonine-protein kinase PAK 1
UniProt Protein Name	Serine/threonine-protein kinase PAK 1
UniProt Gene Name	PAK1
UniProt Synonym Gene Names	PAK-1

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.