

PAK2 Antibody | anti-PAK2 antibody

PAK2 (Phospho-Ser20) Antibody

CATALOG # AAA111486	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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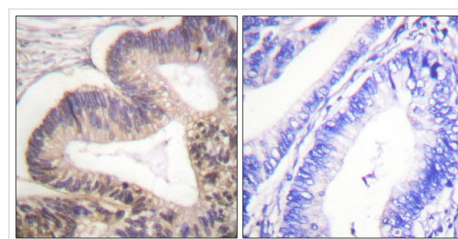
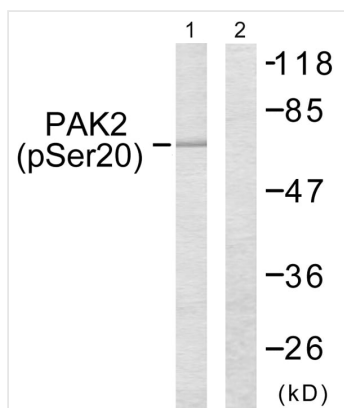
PRODUCT SYNONYMS

PAK2; PAK2 (Phospho-Ser20) Antibody; EC 2.7.11.1; 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 I; anti-PAK2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PAK2 (Phospho-Ser20) antibody detects endogenous levels of PAK2 only when phosphorylated at serine 20.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	524
Applicable Applications for anti-PAK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PAK2 around the phosphorylation site of serine 20 (M-S-SP-T-I).
All Sites	Human: Ser20 Mouse: Ser20 Rat: Ser20
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PAK2 (Phospho-Ser20) antibody. Western blot analysis of extracts from 293 cells, treated with Sorbitol (0.4M, 30mins), using PAK2 (Phospho-Ser20) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Thomas Rudel, Science, Jun 1997; 276: 1571. Eun-Young Shin, J. Biol. Chem., Nov 2002; 277: 44417-44430. Jelena Mann, J. Immunol., Nov 2005; 175: 6560-6569. Zhongdong Huang, Mol. Cell. Biol., Feb 2004; 24: 1582-1594.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483399
NCBI GeneID	5062
NCBI Accession #	NP_002568.2
NCBI GenBank Nucleotide #	NM_002577.4
UniProt Accession #	Q13177; Q13154; Q6ISC3
Molecular Weight	58,043 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 2
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 2
NCBI Official Symbol	PAK2
NCBI Official Synonym Symbols	PAK65; PAKgamma
NCBI Protein Information	serine/threonine-protein kinase PAK 2
UniProt Protein Name	Serine/threonine-protein kinase PAK 2
UniProt Gene Name	PAK2
UniProt Synonym Gene Names	PAK-2; p27; p34

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.