

PAK1 Antibody | anti-PAK1 antibody

PAK1 (Phospho-Ser199) Antibody

CATALOG # AAA109782	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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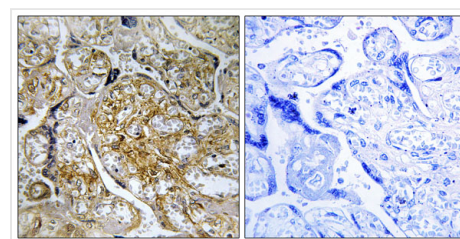
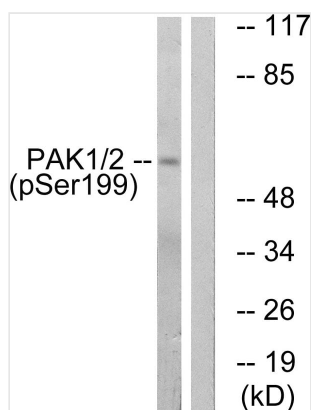
PRODUCT SYNONYMS

PAK1; PAK1 (Phospho-Ser199) Antibody; ADRB2; Alpha-PAK; CDC42/RAC effector kinase PAK-A; EC 2.7.11.1; P65-PAK; P68-PAK; PAK 1; PAK-1; PAKA; Protein kinase MUK2; kinase PAK1; p21-activated kinase 1; anti-PAK1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PAK1/2 (Phospho-Ser199) antibody detects endogenous levels of PAK1/2 only when phosphorylated at serine 199.
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	553
Applicable Applications for anti-PAK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PAK1/2 around the phosphorylation site of serine 199 (T-K-SP-V-Y).
All Sites	Human: Ser199 Mouse: Ser199 Rat: Ser198
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using PAK1/2 (Phospho-Ser199) antibody. Western blot analysis of extracts from LOVO cells, treated with starved (24hours), using PAK1/2 (Phospho-Ser199) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Brown J.L., Curr. Biol. 6:598-605(1996). Sells M.A., Curr. Biol. 7:202-210(1997). The MGC Project Team; Genome Res. 14:2121-2127(2004).

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	61,632 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/pak1/109782>