

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

PAK1/2 antibody (Ser199)

CATALOG # AAA224317	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PAK1/2; Polyclonal Antibody; PAK1/2 antibody (Ser199); Polyclonal PAK1/2; Anti-PAK1/2; Alpha-PAK; MGC130000; MGC130001; p21 protein (Cdc42/Rac)-activated kinase 1; p21-activated kinase 1; p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog; yeast); p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related); p65-PAK; PAK-1; PAK1; PAKalpha; Serine/threonine-protein kinase PAK 1; STE20 homolog; yeast; anti-PAK1/2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	PAK1/2 antibody (Ser199) detects endogenous levels of PAK1/2 only when phosphorylated at serine 199
Purity/Purification	PAK1/2 antibody was purified by affinity chromatography
Form/Format	Supplied in liquid format, PBS buffer, pH 7.4, 150mM NaCl with added preservative 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	889
Applicable Applications for anti-PAK1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	PAK1/2 is a critical RhoGTPase effector that regulates cytoskeleton reorganization, the JNK MAPK pathway, and nuclear signaling.
Cross-Reactivity	Mouse, Rat - Reactive with proteins phosphorylated as follows: Human: Ser199, Mouse: Ser199, Rat: Ser198
Immunogen	PAK1/2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human PAK1/2 around the phosphorylation site of serine 199 (T-K-SP-V-Y) as the immunogen
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze thaw cycles

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using PAK1/2 (Phospho-Ser199) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK1/2 antibody	Rabbit polyclonal PAK1/2 antibody (Ser199)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	390178713
NCBI GeneID	4802301
NCBI Accession #	XP_003736712.1
NCBI GenBank Nucleotide #	XM_003736664.1
Molecular Weight	94,815 Da
NCBI Official Full Name	Pak1, isoform B
NCBI Official Symbol	DpsePak1
NCBI Official Synonym Symbols	DpPAK1; DpseGA10224; dpse_GLEANR_3468; GA10224; Pak1
NCBI Protein Information	GA10224 gene product from transcript GA10224-RA
UniProt Protein Name	Non-specific serine/threonine protein kinase
UniProt Gene Name	Pak1
UniProt Entry Name	I5APA0_DROPS

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/polyclonal/pak1-2-antibody-immunohistochemistry-western-blot-elisa/224317>