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

PAK1/2 antibody

CATALOG #	HOST	APPLICATIONS
AAA224175	**Rabbit**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

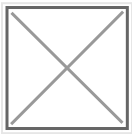
PAK1/2; Polyclonal Antibody; PAK1/2 antibody; Polyclonal PAK1/2; Anti-PAK1/2; Alpha-PAK; MGC130000; MGC130001; p21 protein (Cdc42/Rac)-activated kinase 1; p21-activated kinase 1; p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog yeast); p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related); p65-PAK; 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 detects endogenous levels of total PAK1/2 protein
Purity/Purification	PAK1/2 antibody was purified by affinity chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 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, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	PAK1/2 is a protein kinase of the STE20 family that regulates cell motility and morphology.
Cross-Reactivity	Mouse, Rat
Immunogen	PAK1/2 antibody was raised in Rabbit using a synthesized non-phosphopeptide derived from human PAK1/2 around the phosphorylation site of serine 199 (T-K-SP-V-Y) as the immunogen.
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles

IMAGES

WB (Western Blot)
Western blot analysis of extracts from K562 cells, using PAK1/2 antibody



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

ADDITIONAL INFORMATION

Related Product Information for anti-PAK1/2 antibody	Rabbit Polyclonal PAK1/2 antibody
Product Categories/Family for anti-PAK1/2 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

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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