

Rabbit anti-Human, Mouse PAK4 Polyclonal Antibody | anti-PAK4 antibody

PAK4 Polyclonal Antibody

CATALOG # AAA178925	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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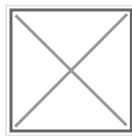
PRODUCT SYNONYMS

PAK4; Polyclonal Antibody; PAK4 Polyclonal Antibody; anti-PAK4 antibody

PRODUCT SPECIFICATIONS

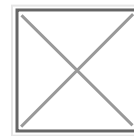
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PAK4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human PAK4
Research Area	Cancer, Cell Biology, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



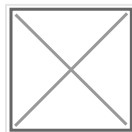
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PAK4 Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using PAK4 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of LNCaP cells using PAK4 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK4 antibody	PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. They serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK4 interacts specifically with the GTP-bound form of Cdc42Hs and weakly activates the JNK family of MAP kinases. PAK4 is mediator of filopodia formation and may play a role in the reorganization of the actin cytoskeleton. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-PAK4 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	62422554
NCBI GeneID	10298
NCBI Accession #	NP_001014831.1
NCBI GenBank Nucleotide #	NM_001014831.2
UniProt Accession #	O96013; Q8N4E1; Q8NCH5; Q8NDE3; Q9BU33; Q9ULS8; B4DGG6
Molecular Weight	64,072 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 4 isoform 1
NCBI Official Synonym Full Names	p21 protein (Cdc42/Rac)-activated kinase 4
NCBI Official Symbol	PAK4
NCBI Protein Information	serine/threonine-protein kinase PAK 4; PAK-4; p21-activated kinase 4; p21(CDKN1A)-activated kinase 4; protein kinase related to S. cerevisiae STE20, effector for Cdc42Hs
UniProt Protein Name	Serine/threonine-protein kinase PAK 4
UniProt Gene Name	PAK4
UniProt Synonym Gene Names	KIAA1142; PAK-4
UniProt Entry Name	PAK4_HUMAN

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/pak4-antibody-immunofluorescence-western-blot-elisa/178925>