

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

Rabbit Polyclonal to Mouse PAK4

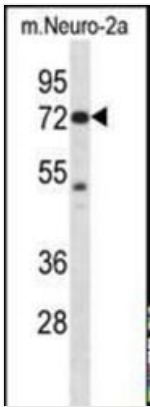
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52516	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

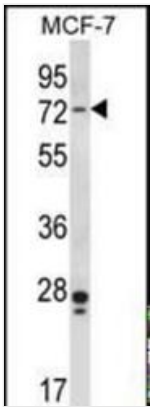
PAK4; Polyclonal Antibody; Rabbit Polyclonal to Mouse PAK4; Anti-PAK4 Antibody (aa186-206) IHC-plus; KIAA1142; p21(CDKN1A)-activated kinase 4; PAK-4; p21-activated kinase 4; Mouse PAK4; anti-PAK4 antibody

PRODUCT SPECIFICATIONS

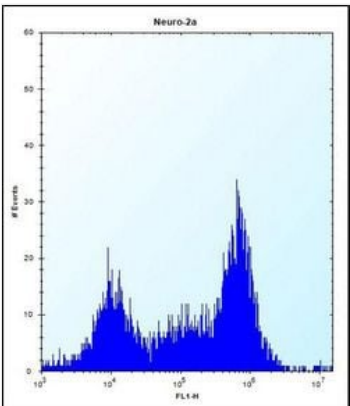
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Mouse PAK4
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	591
Applicable Applications for anti-PAK4 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	KLH-conjugated synthetic peptide from internal region of Mouse Pak4.
Immunogen Type	Synthetic peptide
Immunogen	PAK4 antibody was raised against kLH-conjugated synthetic peptide from internal region of Mouse Pak4.
Antigen Modification	aa186-206
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.



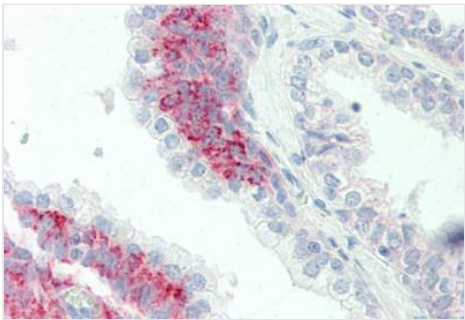
WB (Western Blot)
Mouse Pak4 Antibody (Center) Western blot of Neuro-2a cell line lysates (35 ug/lane). This demonstrates the Pak4 antibody detected the Pak4 protein (arrow).



WB (Western Blot)
Mouse Pak4 Antibody (Center) Western blot of MCF-7 cell line lysates (35 ug/lane). This demonstrates the Pak4 antibody detected the Pak4 protein (arrow).



FCM/FACS (Flow Cytometry)
Mouse Pak4 Antibody (Center) flow cytometry of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Anti-PAK4 antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK4 antibody	PAK4, a PAK (STE20) type protein kinase, functions in reorganization of the actin cytoskeleton, filipodia formation and cell migration. The protein has been shown to interact with the GTP-bound form of Cdc42 and weakly with RAC and to be stimulated by HGF via phosphoinositide 3-kinase (PI3K). Activated PAK4 has been shown to activate the c-Jun N-terminal kinase pathway.
Product Categories/Family for anti-PAK4 antibody	Family: Protein Kinase; Subfamily: PAK (STE20)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031975
NCBI GeneID	10298
NCBI Accession #	NP_005875.1
NCBI GenBank Nucleotide #	NM_005884.3
UniProt Accession #	O96013; Q8N4E1; Q8NCH5; Q8NDE3; Q9BU33; Q9ULS8; B4DGG6
Molecular Weight	54,940 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-flow-cytometry-western-blot-immunohistochemistry-elisa/52516>