

Rabbit anti-Human, Pig p21 Protein Activated Kinase 4 (PAK4) Polyclonal Antibody | anti-PAK4 antibody

Polyclonal Antibody to p21 Protein Activated Kinase 4 (PAK4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134862	Rabbit	Human, Pig	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

p21 Protein Activated Kinase 4 (PAK4); Polyclonal Antibody; Polyclonal Antibody to p21 Protein Activated Kinase 4 (PAK4); anti-PAK4 antibody

PRODUCT SPECIFICATIONS

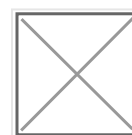
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PAK4. It has been selected for its ability to recognize PAK4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	0.2mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-VSHEQFRA ALQLVDPGD PRSYLDNFIK IGEGSTGIVC IATVRSSGKL VAVKKMDLRK QRRRELLFNE VVIMRDYQHE NVVEMYNSYL VGDELWVME FLEGGALTDI VTHTRMNEEQ IAAVCLAVLQ ALSVLHAQGV IHRDIKSDSI LLTHDGRVKL SDFGFCAQVS KEVPRRKSLV GTPYWMAPEL ISRL
Sequence Length	591
Applicable Applications for anti-PAK4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PAK4 (Val299~Ser542) expressed in E.coli.
Cross Reactivity	Human, Pig
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate;; Lane 2: PAK4 knockout HeLa cell lysate;; Predicted MW: 64kDa ; Observed MW: 70kDa; Primary Ab: 1ug/ml Rabbit Anti-Human PAK4 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Brain tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK4 antibody	Knock-Out Validation Antibody
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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	54,940 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 4 isoform 1
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 4
NCBI Official Symbol	PAK4
NCBI Protein Information	serine/threonine-protein kinase PAK 4
UniProt Protein Name	Serine/threonine-protein kinase PAK 4
UniProt Gene Name	PAK4
UniProt Synonym Gene Names	KIAA1142; PAK-4

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/p21-protein-activated-kinase-4-pak4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/134862>