

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

Rabbit anti-PAK4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210902	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

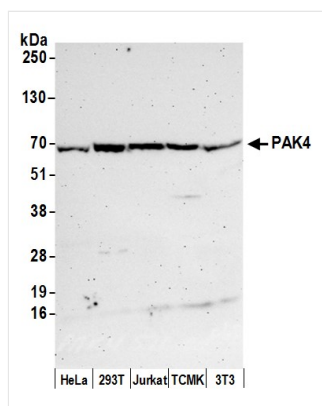
PRODUCT SYNONYMS

PAK4; Polyclonal Antibody; Rabbit anti-PAK4 Antibody; Affinity Purified; protein kinase related to *S. cerevisiae* STE20; effector for Cdc42Hs; PAK-4; p21-activated kinase 4; p21 protein (Cdc42/Rac)-activated kinase 4; serine/threonine-protein kinase PAK 4; p21(CDKN1A)-activated kinase 4; Serine/threonine-protein kinase PAK 4; p21 (RAC1) activated kinase 4; anti-PAK4 antibody

PRODUCT SPECIFICATIONS

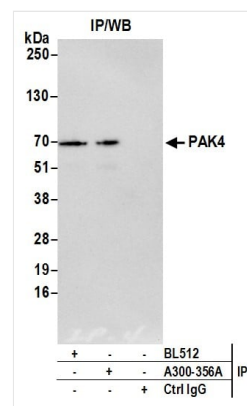
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PAK4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PAK4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PAK4 antibody AAA210902 (lot AAA210902-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PAK4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PAK4 antibody AAA210902 (lot AAA210902-2) used for IP at 6 ug per reaction. PAK4 was also immunoprecipitated by rabbit anti-PAK4 antibody BL512. For blotting immunoprecipitated PAK4, AAA210902 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK4 antibody	PAK4 is a member of the PAK family of serine/threonine p21-activating kinases. PAK4 is a target for the GTP-bound Rho GTPase, CDC42, and is an important factor that links Rho GTPases such as Ras to transformation. In this context, PAK4 is highly transforming, and has been found to be highly expressed in some tumor cell lines. PAK4 has been demonstrated to activate the JNK pathway and mediate the formation of filopodia and the reorganization of the actin cytoskeleton. PAK4 has also been found to function as a regulator of prosurvival pathways and senescence.
Product Categories/Family for anti-PAK4 antibody	Primary Antibodies

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-immunoprecipitation-western-blot-elisa/210902>