

Rabbit PLK4 Polyclonal Antibody | anti-PLK4 antibody

PLK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31136	Rabbit	Human, Mouse, Rat, Monkey	Western Blot, ELISA, Immunohistochemistry

PRODUCT SYNONYMS

PLK4; Polyclonal Antibody; PLK4 Antibody; PLK 4; PLK-4; PLK4_HUMAN; Polo like Kinase 4; Polo-like kinase 4; Protein serine/threonine kinase; SAK; Serine/Threonine Kinase 18; Serine/threonine kinase; Serine/threonine protein kinase 18; Serine/threonine protein kinase PLK4; Serine/threonine protein kinase Sak; Serine/threonine-protein kinase 18; Serine/threonine-protein kinase PLK4; Serine/threonine-protein kinase SAK; Snk Akin Kinase; STK 18; STK18; anti-PLK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	938
Applicable Applications for anti-PLK4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-3000 IHC: 1:50-1:200 *The optimal dilution should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human PLK4, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA31136 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of PLK4 using COS7 whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	299829210
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NCBI GeneID	10733
NCBI Accession #	NP_001177728.1
NCBI GenBank Nucleotide #	NM_001190799.1
UniProt Accession #	O00444 ; Q8IYF0 ; Q96Q95 ; Q9UD84 ; Q9UDE2 ; B2RAL0 ; B7Z837 ; B7Z8G7
Molecular Weight	95 kDa
NCBI Official Full Name	serine/threonine-protein kinase PLK4 isoform 2
NCBI Official Synonym Full Names	polo like kinase 4
NCBI Official Symbol	PLK4
NCBI Official Synonym Symbols	SAK; STK18; MCCRP2
NCBI Protein Information	serine/threonine-protein kinase PLK4
UniProt Protein Name	Serine/threonine-protein kinase PLK4
UniProt Gene Name	PLK4
UniProt Synonym Gene Names	SAK; STK18; PLK-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/plk4-antibody-western-blot-immunohistochemistry-elisa/31136>