Rabbit anti-Human PLK1 / PLK-1 Polyclonal Antibody | anti-PLK1 antibody

Rabbit Polyclonal to Human PLK1 / PLK-1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51585	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry**

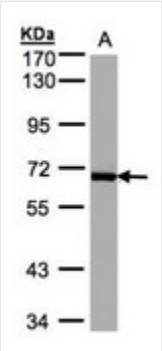
PRODUCT SYNONYMS

PLK1 / PLK-1; Polyclonal Antibody; Rabbit Polyclonal to Human PLK1 / PLK-1; Anti-PLK1 / PLK-1 Antibody IHC-plus; PLK1; Polo like kinase; Polo-like kinase (Drosophila); Polo-like kinase 1; STPK13; Polo (Drosophia)-like kinase; PLK; PLK-1; Human PLK1; anti-PLK1 antibody

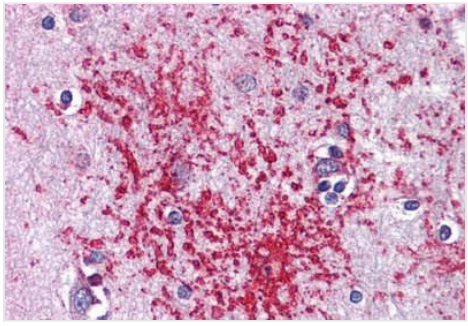
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PLK1. Predicted cross-reactivity based on amino acid sequence homology: mouse (95%), rat (95%), bovine (95%).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.1 M Tris-glycine, pH 7, 10% Glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	603
Applicable Applications for anti-PLK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 161 and 440 of Human PLK1.
Immunogen Type	Recombinant protein
Immunogen	PLK1 / PLK-1 antibody was raised against recombinant protein fragment containing a sequence corresponding to a region within amino acids 161 and 440 of Human PLK1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

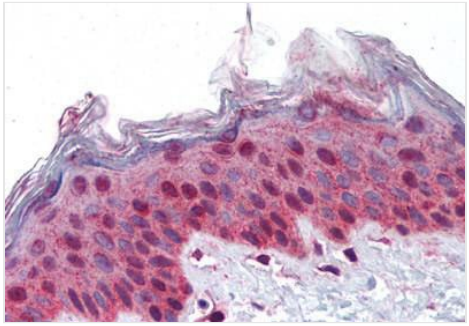
IMAGES



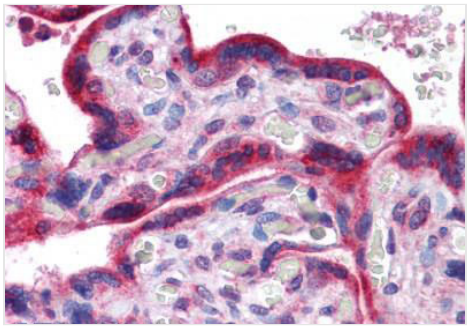
WB (Western Blot)
Sample(30 ug whole cell lysate). A: Raji. 7.5% SDS PAGE. PLK1 antibody diluted at 1:1000.



IHC (Immunohistochemisry)
Anti-PLK1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohiostchemistry)
Anti-PLK1 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-PLK1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PLK1 antibody	PLK, a Polo type protein kinase, has been shown to function in mitosis. The mRNA is absent or expressed at very low levels during the G1 phase, begins to reaccumulate during the S phase, and reaches maximal levels during the G2/M phase. PLK1 may participate in targeting MPF to the nucleus during prophase and in regulating mitotic spindle function. These functions, in addition to its expression in proliferating cells, suggest that PLK1 has a role in cancer progression.
Product Categories/Family for anti-PLK1 antibody	Family: Protein Kinase; Subfamily: Polo

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359873
NCBI GeneID	5347
NCBI Accession #	NP_005021.2
NCBI GenBank Nucleotide #	NM_005030.3
UniProt Accession #	P53350; Q15153; Q99746
Molecular Weight	68,255 Da
NCBI Official Full Name	serine/threonine-protein kinase PLK1
NCBI Official Synonym Full Names	polo-like kinase 1
NCBI Official Symbol	PLK1

NCBI Official Synonym Symbols	PLK; STPK13
NCBI Protein Information	serine/threonine-protein kinase PLK1; PLK-1; polo like kinase; polo (Drosophia)-like kinase; serine/threonine-protein kinase 13; cell cycle regulated protein kinase
UniProt Protein Name	Serine/threonine-protein kinase PLK1
UniProt Gene Name	**PLK1**
UniProt Synonym Gene Names	PLK; PLK-1; STPK13
UniProt Entry Name	PLK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/plk1-plk-1-antibody-western-blot-immunohistochemistry-elisa/51585