

Rabbit PLK1 Polyclonal Antibody | anti-PLK1 antibody

PLK1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199666	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

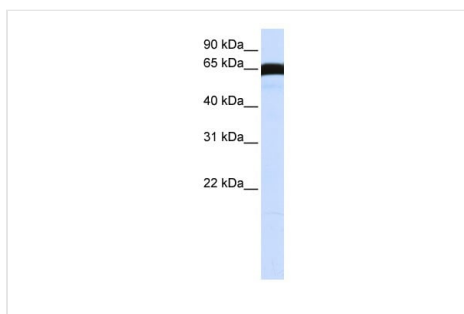
PRODUCT SYNONYMS

PLK1; Polyclonal Antibody; PLK1 antibody - C-terminal region; anti-PLK1 antibody

PRODUCT SPECIFICATIONS

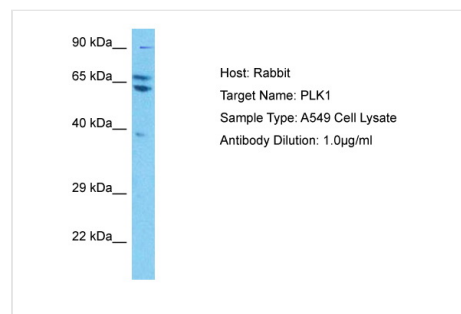
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KR DFRTYRLSLL EEYGCKELA SRLRYARTMV DKLLSSRSAS NRLKAS
Sequence Length	603
Applicable Applications for anti-PLK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PLK1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



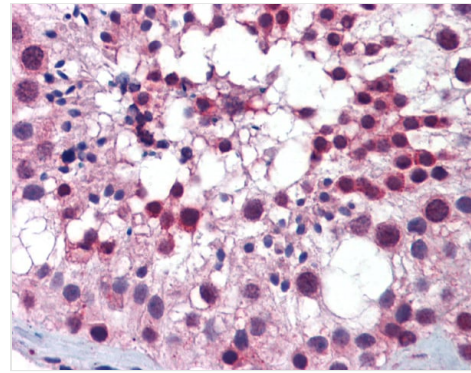
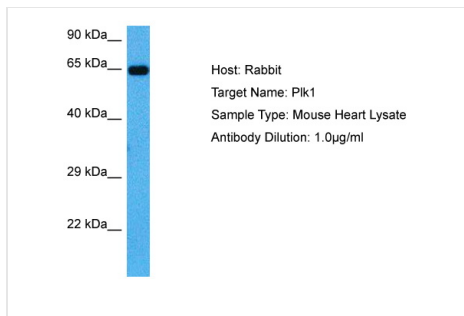
WB (Western Blot)

WB Suggested Anti-PLK1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Liver



WB (Western Blot)

Host: Rabbit
Target Name: PLK1
Sample Type: A549 Cell Lysate
Antibody Dilution: 1.0 µg/ml



IHC (Immunohistochemistry)
Testis

WB (Western Blot)
Host: Mouse Target Name: PLK1 Sample Tissue: Mouse Heart Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PLK1 antibody	This is a rabbit polyclonal antibody against PLK1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Serine/threonine-protein kinase that performs several important functions throughout M phase of the cell cycle, including the regulation of centrosome maturation and spindle assembly, the removal of cohesins from chromosome arms, the inactivation of APC/C inhibitors, and the regulation of mitotic exit and cytokinesis.
Product Categories/Family for anti-PLK1 antibody	Polyclonal; Transcription Factor; RNA Binding Proteins; Signal Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359873
NCBI GeneID	5347
NCBI Accession #	NP_005021
NCBI GenBank Nucleotide #	NM_005030
UniProt Accession #	P53350
Molecular Weight	68kDa
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
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.