

Rabbit PLK1 Polyclonal Antibody | anti-PLK1 antibody

PLK1 (Phospho-Ser137) Antibody

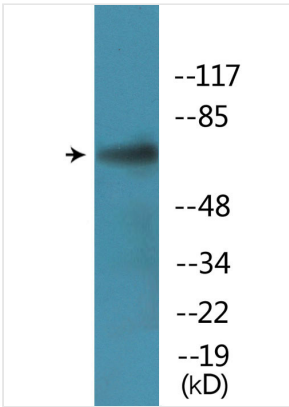
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318377	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

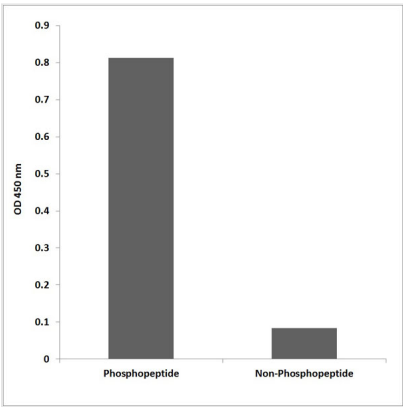
PLK1; Polyclonal Antibody; PLK1 (Phospho-Ser137) Antibody; anti-PLK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PLK1 (Phospho-Ser137) Antibody detects endogenous levels of PLK1 only when phosphorylated at Ser137.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	603
Applicable Applications for anti-PLK1 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S137; M:S137; R:S137
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human PLK1 around the phosphorylation site of Ser137.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with PMA, using PLK1 (Phospho-Ser137) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PLK1 (Phospho-Ser137) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359873
NCBI GeneID	5347
NCBI Accession #	NP_005021.2
NCBI GenBank Nucleotide #	NM_005030.5
UniProt Accession #	P53350; Q15153; Q99746
Molecular Weight	68 kDa
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

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.