

Goat anti-PLK1 Antibody

Item Number	dAP-3377
Target Molecule	Principle Name: PLK1; Official Symbol: PLK1; All Names and Symbols: PLK1; polo-like kinase 1 (Drosophila) ; HGNC:9077; PLK; STPK13; cell cycle regulated protein kinase polo (Drosophila)-like kinase; polo like kinase; polo-like kinase; polo-like kinase (Drosophila); Accession Number (s): NP_005021.2; Human Gene ID(s): 5347; Non-Human GeneID(s): 18817 (mouse) 25515 (rat)
Immunogen	DKLLSSRSASNRLK, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 65kDa band observed in lysates of cell line K562 (calculated MW of 68.3kDa according to NP_005021.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Preisinger C, Korner R, Wind M, Lehmann WD, Kopajtich R, Barr FA. Plk1 docking to GRASP65 phosphorylated by Cdk1 suggests a mechanism for Golgi checkpoint signalling. EMBO J. 2005 Feb 23;24(4):753-65. Epub 2005 Jan 27. PMID: 15678101 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**