

Goat anti-PLK1 (aa287-298) Antibody

Item Number	dAP-2886
Target Molecule	Principle Name: PLK1 (aa287-298); Official Symbol: PLK1; All Names and Symbols: PLK1; polo-like kinase 1; PLK; STPK13; OTTHUMP00000122462; PLK-1; cell cycle regulated protein kinase; polo (Drosophila)-like kinase; polo like kinase; serine/threonine-protein kinase 13; serine/threonine-protein kinase PLK1; Accession Number (s): NP_005021.2; Human Gene ID(s): 5347; Non-Human GeneID(s):
Immunogen	QTDPTARPTINE, is from internal region
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 16000.
Western Blot	Western Blot: Approx 60kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 68.3kDa according to NP_005021.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Johmura Y, Soung NK, Park JE, Yu LR, Zhou M, Bang JK, Kim BY, Veenstra TD, Erikson RL, Lee KS. Regulation of microtubule-based microtubule nucleation by mammalian polo-like kinase 1. Proc Natl Acad Sci U S A. 2011 Jul 12;108(28):11446-51.. PMID: 21690413->

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**