

Goat anti-polo-like kinase 3 (aa320-333) Antibody

Item Number	dAP-2846
Target Molecule	Principle Name: polo-like kinase 3 (aa320-333); Official Symbol: PLK3; All Names and Symbols: PLK3; polo-like kinase 3; CNK; FNK; PRK; FGF-inducible kinase; PLK-3; cytokine-inducible kinase; cytokine-inducible serine/threonine-protein kinase; proliferation-related kinase; serine/threonine-protein kinase PLK3; Accession Number (s): NP_004064.2; Human Gene ID(s): 1263; Non-Human GeneID(s):
Immunogen	PDRLPISSCVTPD, is from internal region
Applications	Pep ELISA, WB, IHC 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 70kDa band observed in lysates of cell line HeLa (calculated MW of 71.6kDa according to NP_004064.2). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows vesicular staining in the cytoplasm of collective tubules. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Wang J, Beauchemin M, Bertrand R. Bcl-xL phosphorylation at Ser49 by polo kinase 3 during cell cycle progression and checkpoints. Cell Signal. 2011 Dec;23(12):2030-8..PMID: 21840391->

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 ender users! This product is sold for **Research Use Only**