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Research Use Only. Not for diagnostic or therapeutic use.

EB11524 - Goat Anti-PLK1 (aa287-298) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: cell cycle regulated protein kinase, OTTHUMP00000122462, PLK, PLK1, PLK-1, polo (Drosophia)-like kinase, polo like kinase, polo-like kinase 1, serine/threonine-protein kinase 13, serine/threonine-protein kinase PLK1, STPK13

Official Symbol: PLK1

Accession Number(s): NP_005021.2

Human GeneID(s): 5347

Immunogen

Peptide with sequence C-QTDPTARPTINE, from the internal region of the protein sequence according to NP_005021.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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: $0.3-1\mu g/ml$.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11524 (0.3 μ g/ml) staining of HeLa nuclear lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.