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EB12012 - Goat Anti-polo-like kinase 3 (aa320-333). Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 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

Official Symbol: PLK3

Accession Number(s): NP_004064.2

Human GeneID(s): 1263

Immunogen

Peptide with sequence PDRLPISSCVTVPD, from the internal region of the protein sequence according to NP_004064.2.

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 1:128000.

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. Primary incubation 1 hour at rroom temperature.

IHC: In paraffin embedded Human Kidney shows vesicular staining in the cystoplasm of collective tubules. Recommended concentration, 5-10µg/ml.

Species Reactivity

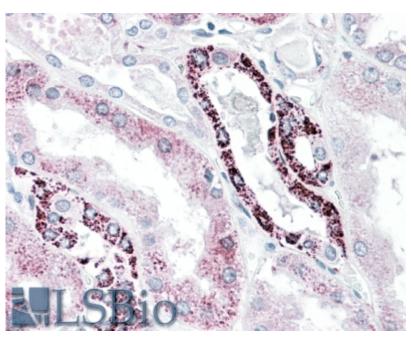
Tested: Human

Expected from sequence similarity: Human

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

15kDa

EB12012 (2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12012 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.