



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.

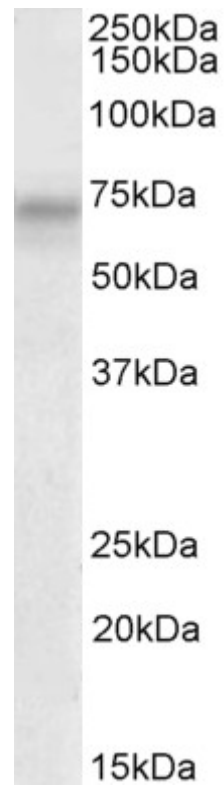
**Western blot:** Approx 70kDa band observed in lysates of cell line HeLa (calculated MW of 71.6kDa according to NP\_004064.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

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

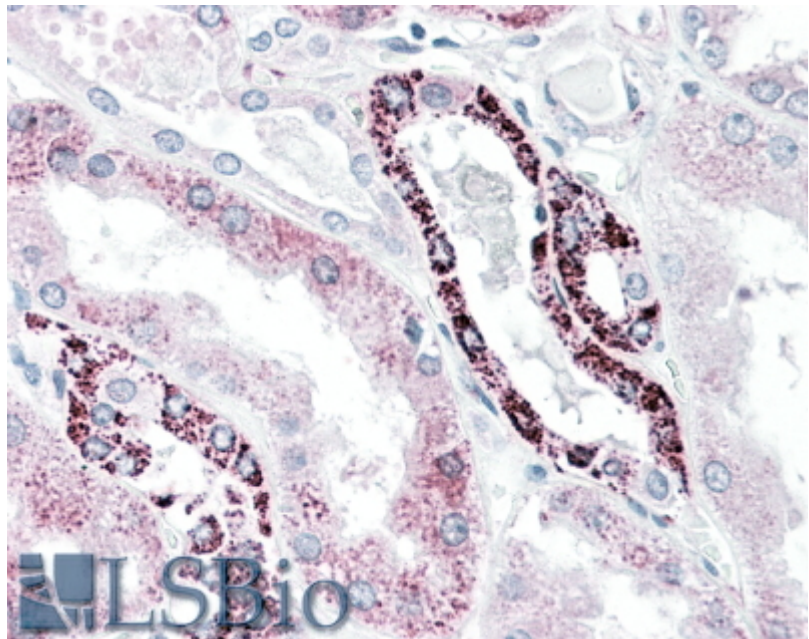
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12012 (2 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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