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EB12016 - Goat Anti-polo-like kinase 5 (aa309-322): Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PLK5, polo-like kinase 5, PLK-5, PLK5P, SgK384ps, inactive

serine/threonine-protein kinase PLK5, polo-like kinase 5, pseudogene

Official Symbol: PLK5

Accession Number(s): NP_001230008.1

Human GeneID(s): 126520

Immunogen

Peptide with sequence SLDVPRSHGCAPTT, from the internal region of the protein sequence according to NP_001230008.1.

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 1:64000.

Western blot: Approx 37kDa band observed in Human Brain (Cerebellum and Cerebral

Cortex) lysates (calculated MW of 36.3kDa according to NP_001230008.1).

Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

EB12016 (2μg/ml) staining of Cerebral Cortex ysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.