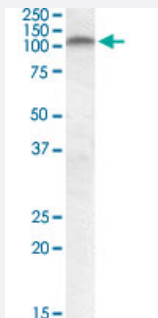


PLK4 polyclonal antibody

Catalog # PAB6122 Size 100 ug

Applications



Western Blot (Tissue lysate)

PLK4 polyclonal antibody (Cat # PAB6122) (2 ug/mL) staining of human colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of PLK4.

Immunogen A synthetic peptide corresponding to human PLK4.

Sequence ATCIGEKIEDFKVGN

Host Goat

Theoretical MW (kDa) 109

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — PLK4

Entrez GeneID	10733
Protein Accession#	NP_055079.2
Gene Name	PLK4
Gene Alias	SAK, STK18
Gene Description	polo-like kinase 4 (Drosophila)
Omim ID	605031
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. [provided by RefSeq]
Other Designations	Snk akin kinase polo-like kinase 4 serine/threonine kinase 18 serine/threonine protein kinase SAK

Publication Reference

- [Transcriptional silencing of Polo-like kinase 2 \(SNK/PLK2\) is a frequent event in B-cell malignancies.](#)

Nelofer Syed, Paul Smith, Alexandra Sullivan, Lindsay C Spender, Martin Dyer, Lorraine Karran, Jenny O'Nions, Martin Allday, Ingrid Hoffmann, Dorothy Crawford, Beverley Griffin, Paul J Farrell, Tim Crook.

Blood 2006 Jan; 107(1):250.

Application: WB-Ce, Human, Akata, BJAB, BL2, BL30, BL37, BL41, CR, DG75, DOHHC1, IB4, JAC, JUM2P, LK6, Namalwa, Odiambo, PD LCL, Ramos cells

Disease

- [Kidney Failure](#)