

polo-like kinase 5 (aa309-322) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3961a

Specification

polo-like kinase 5 (aa309-322) Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q496M5
Other Accession	NP_001230008.1 , 126520
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	36329

polo-like kinase 5 (aa309-322) Antibody (internal region) - Additional Information

Gene ID 126520

Other Names

Inactive serine/threonine-protein kinase PLK5, Polo-like kinase 5, PLK-5, PLK5, PLK5P

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

polo-like kinase 5 (aa309-322) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

polo-like kinase 5 (aa309-322) Antibody (internal region) - Protein Information

Name PLK5

Synonyms PLK5P

Function

Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation.

Cellular Location

Nucleus, nucleolus. Cytoplasm

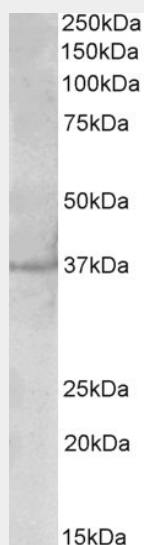
Tissue Location

Expressed in the brain, neurons and glial cells. Also expressed in highly differentiated cells, such as the serous acini in the parotid gland, distal and proximal tubules of the kidney, tubules of the seminal gland, Kupffer cells and some hepatocytes in the liver, and some cells in the germinal center of lymph nodes (at protein level).

polo-like kinase 5 (aa309-322) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

polo-like kinase 5 (aa309-322) Antibody (internal region) - Images

AF3961a (2 µg/ml) staining of Cerebral Cortex ysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

polo-like kinase 5 (aa309-322) Antibody (internal region) - References

Plk5, a polo box domain-only protein with specific roles in neuron differentiation and glioblastoma suppression. de Cárcer G, Escobar B, Higuero AM, García L, Ansón A, Pérez G, Mollejo M, Manning G, Meléndez B, Abad-Rodríguez J, Malumbres M. Mol Cell Biol. 2011 Mar;31(6):1225-39. PMID: 21245385