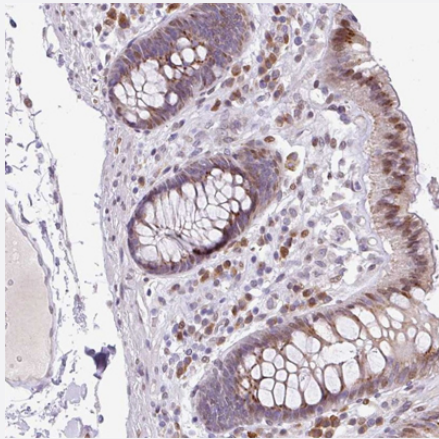


PLK1 polyclonal antibody

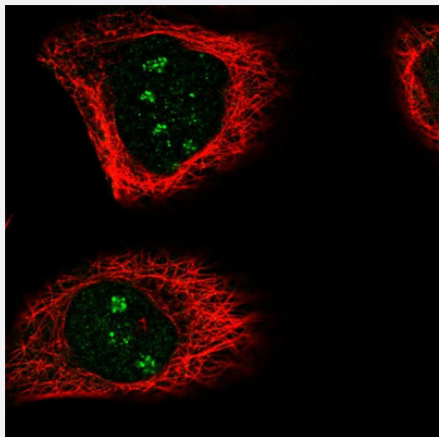
Catalog # PAB29442 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with PLK1 polyclonal antibody (Cat # PAB29442) shows moderate cytoplasmic and nuclear positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with PLK1 polyclonal antibody (Cat # PAB29442) at 1-4 ug/mL concentration shows positivity in nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human PLK1.
Immunogen	Recombinant protein corresponding to human PLK1.
Sequence	RPTINELLNDEFFTSGYIPARLPITCLTIPPRFSIAPSSLDPSNRKPLTVLNKGLENPLPERPREKEEP VVRETGEVVDCHLSDDLQQLHSVNA

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with PLK1 polyclonal antibody (Cat # PAB29442) shows moderate cytoplasmic and nuclear positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with PLK1 polyclonal antibody (Cat # PAB29442) at 1-4 ug/mL concentration shows positivity in nucleoli.

Gene Info — PLK1

Entrez GeneID	5347
Gene Name	PLK1
Gene Alias	PLK, STPK13
Gene Description	polo-like kinase 1 (Drosophila)
Omim ID	602098
Gene Ontology	Hyperlink

Other Designations

cell cycle regulated protein kinase|polo (Drosophila)-like kinase|polo like kinase|polo-like kinase

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)