



PLK-5 Polyclonal Antibody

Catalog No	YP-Ab-14945
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	PLK5
Immunogen	The antiserum was produced against synthesized peptide derived from human PLK5. AA range:131-180
Specificity	PLK-5 Polyclonal Antibody detects endogenous levels of PLK-5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PLK5P;polo like kinase 5 pseudogene;PLK-5;PLK5;Inactive serine/threonine-protein kinase PLK5;FG060302;Polo-like kinase 5
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	Nucleus, nucleolus . Cytoplasm .
Tissue Specificity	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).
Function	
Background	PLK5 (Polo Like Kinase 5) is a Protein Coding gene. Gene Ontology (GO) annotations related to PLK5 include transferase activity, transferring phosphorus-containing groups and protein kinase activity. An important paralog of PLK5 is PLK4.



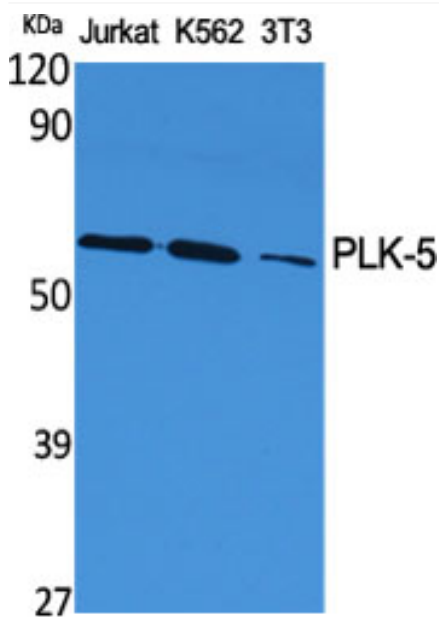
matters needing attention

Avoid repeated freezing and thawing!

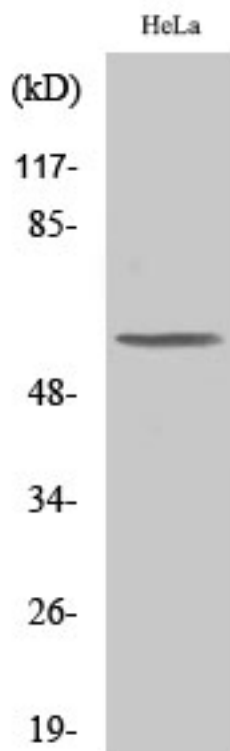
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

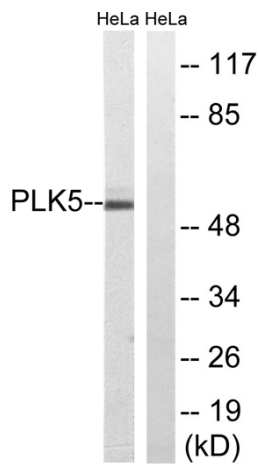
Products Images



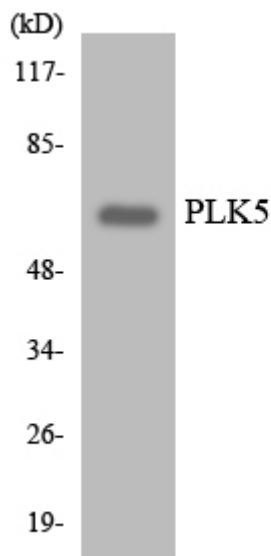
Western Blot analysis of various cells using PLK-5 Polyclonal Antibody



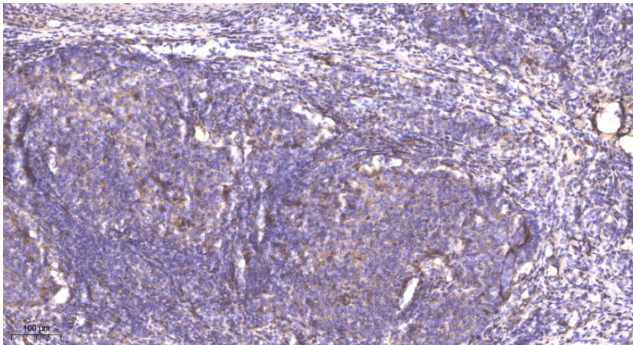
Western Blot analysis of COLO205 cells using PLK-5 Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, using PLK5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PLK5 antibody.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).