

Datasheet for ABIN6747101
anti-PLK1 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	PLK1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Guinea Pig, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human PLK1 (P53350, NP_005021). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Mouse, Hamster, Elephant, Rabbit (100%), Galago, Marmoset, Rat, Dog, Bovine, Bat, Horse, Opossum (92%), Guinea pig (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PLK1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse (100%) Rat, Dog, Bovine, Horse (92%)

Product Details

	Guinea pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	PLK1
Alternative Name:	PLK1 / PLK-1 (PLK1 Products)
Background:	Name/Gene ID: PLK1 Subfamily: Polo Family: Protein Kinase Synonyms: PLK1, Polo like kinase, Polo-like kinase (Drosophila), Polo-like kinase 1, STPK13, Polo (Drosophila)-like kinase, PLK, PLK-1
Gene ID:	5347
NCBI Accession:	NP_005021
UniProt:	P53350
Pathways:	Cell Division Cycle, M Phase

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: ELISA titer using peptide based assay: 1:12500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

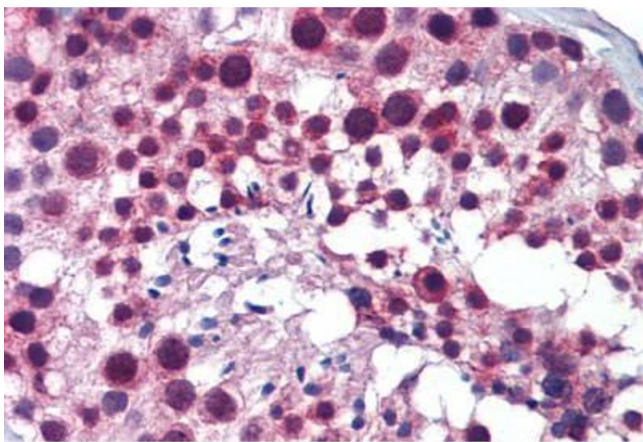
Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific

Handling

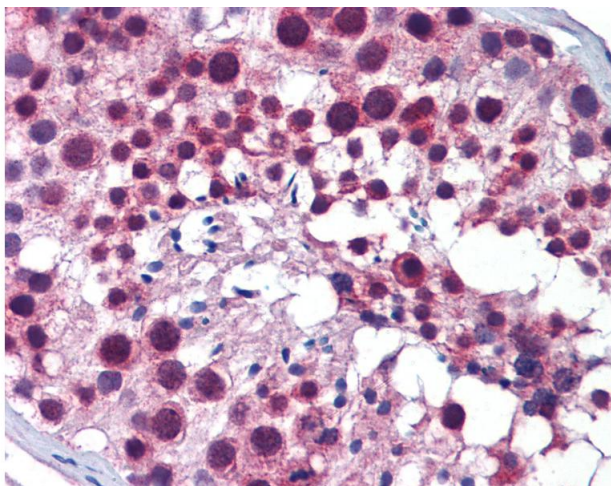
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-PLK1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...