

Datasheet for ABIN1590109
anti-PLK3 antibody (AA 320-333)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PLK3
Binding Specificity:	AA 320-333
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PLK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	polo-like kinase 3 (aa320-333)
Sequence:	PDRLPISSCV TVPD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PLK3
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Target Details

Alternative Name:	PLK3 (PLK3 Products)
Background:	PLK3, polo-like kinase 3, CNK, FNK, PRK, FGF-inducible kinase, PLK-3, cytokine-inducible kinase, cytokine-inducible serine/threonine-protein kinase, proliferation-related kinase, serine/threonine-protein kinase PLK3
Gene ID:	1263
NCBI Accession:	NP_004064
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Kidney shows vesicular staining in the cytoplasm of collective tubules. Recommended concentration, 5-10 µg/mL.</p> <p>Western Blot: Approx 70 kDa band observed in lysates of cell line HeLa (calculated MW of 71.6 kDa according to NP_004064.2). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature.</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1590109 (2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.