

Datasheet for ABIN391375
anti-PLK2 antibody (C-Term)



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4 Images

Overview

Quantity:	400 µL
Target:	PLK2
Binding Specificity:	AA 375-406, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PLK2 (SNK) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 375-406 amino acids from the C-terminal region of human PLK2 (SNK).
Clone:	RB0873
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PLK2
Alternative Name:	PLK2 (SNK) (PLK2 Products)

Target Details

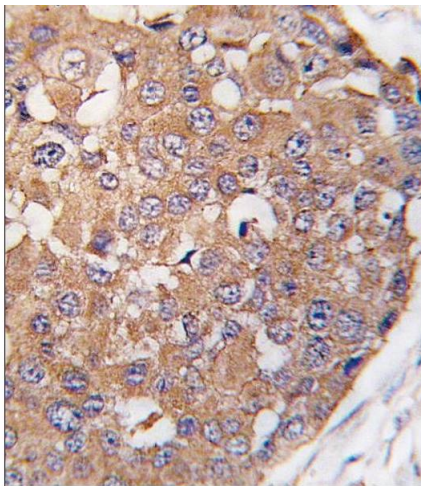
Background:	Plks (polo-like kinases) encode serine/threonine kinases that are closely related to polo and CDC5, genes that are required for passage through mitosis in Drosophila and Saccharomyces, respectively. Polo-like kinases, which include Plk, Snk (for serum-inducible kinase, also designated Plk2) and Fnk (for FGF-inducible kinase, also designated Plk3 or PRK), play a role in cell proliferation. Plk protein accumulates in the cell during S and G2 phases of the cell cycle, and both protein content and catalytic activity peak at the onset of mitosis, followed by a rapid reduction after mitosis. Snk and Fnk are immediate-early response genes that are first expressed during G1 phase. SNK may play a role in the division of at least some cell types, such as fibroblasts, and could function in embryogenesis, wound healing or neoplasia SNK mRNA is rapidly induced in human lung fibroblasts upon reintroduction of serum following 36 hours of serum deprivation.
Molecular Weight:	78237
Gene ID:	10769
NCBI Accession:	NP_001239155 , NP_006613
UniProt:	Q9NYY3

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

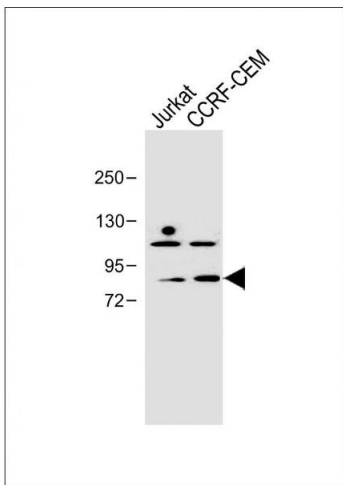
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months



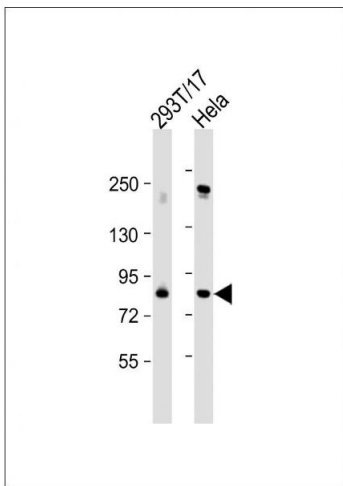
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with SNK Antibody (C-term) (ABIN391375 and ABIN2841386) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. All lanes :PLK2 (SNK) Antibody (C-term) at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size :80 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. All lanes : Anti-SNK Antibody at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN391375.