

Datasheet for ABIN359469  
**anti-PLK2 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	PLK2
Binding Specificity:	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)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human SNK.
Isotype:	Ig Fraction
Specificity:	This antibody detects PLK2 (SNK) at C-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## Target Details

Target:	PLK2
Alternative Name:	PLK2 / SNK ( <a href="#">PLK2 Products</a> )

## 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. Synonyms: PLK-2, Polo-like kinase 2, Serine/threonine-protein kinase PLK2, Serine/threonine-protein kinase SNK, Serum-inducible kinase

**Molecular Weight:** 78236 Da

**Gene ID:** 10769, 9606

**UniProt:** [Q9NYY3](#)

## Application Details

**Application Notes:** ELISA 1: 1,000. Western blot 1: 100 - 1-500. Immunohistochemistry 1: 50 - 1: 100.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** 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.

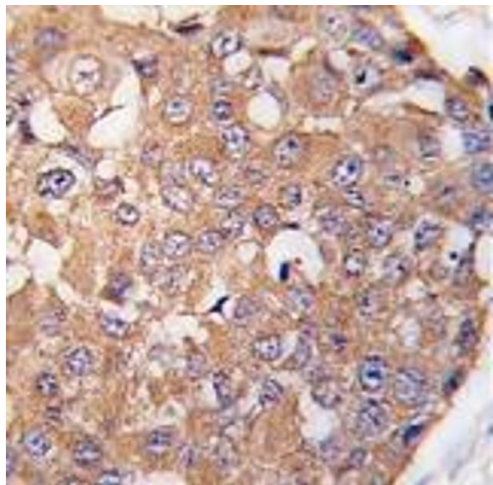
**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

Handling

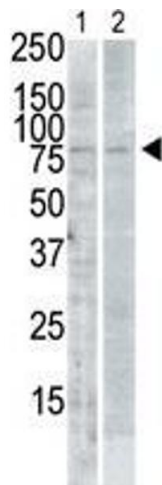
Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with SNK Antibody (C-term ) , 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.** The anti-SNK C-term Pab is used in Western blot to detect SNK in PMA-treated Pam212 cell lysate (lane 1) and rat testis tissue lysate (lane 2).