

Rabbit PLK2 (SNK) Polyclonal Antibody | anti-PLK2 antibody

PLK2 (SNK) Antibody (C-term)

CATALOG # AAA287382	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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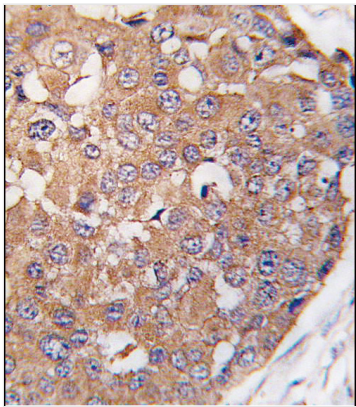
PRODUCT SYNONYMS

PLK2 (SNK); Polyclonal Antibody; PLK2 (SNK) Antibody (C-term); Serine/threonine-protein kinase PLK2; Polo-like kinase 2; PLK-2; hPlk2; Serine/threonine-protein kinase SNK; hSNK; Serum-inducible kinase; PLK2; SNK; anti-PLK2 antibody

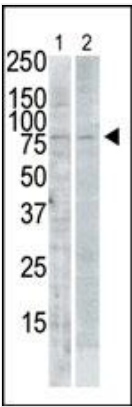
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	375-406
Sequence Length	685
Applicable Applications for anti-PLK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
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.



WB (Western Blot)
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).

ADDITIONAL INFORMATION

Related Product Information for anti-PLK2 antibody	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.
Product Categories/Family for anti-PLK2 antibody	Signal Transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Liby, K., et al., DNA Seq. 11:527-533 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	356582335
NCBI GeneID	10769
NCBI Accession #	NP_001239155.1; NP_006613.2
NCBI GenBank Nucleotide #	NM_001252226.1
UniProt Accession #	Q9NYY3; O60679; Q96CV7; Q9UE61
Molecular Weight	78237
NCBI Official Full Name	serine/threonine-protein kinase PLK2 isoform 2
NCBI Official Synonym Full Names	polo-like kinase 2
NCBI Official Symbol	PLK2
NCBI Official Synonym Symbols	SNK; hSNK; hPlk2
NCBI Protein Information	serine/threonine-protein kinase PLK2

UniProt Protein Name	Serine/threonine-protein kinase PLK2
UniProt Gene Name	PLK2
UniProt Synonym Gene Names	SNK; PLK-2; hPlk2; hSNK
UniProt Entry Name	PLK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/plk2-snk-antibody-immunohistochemistry-western-blot-elisa/287382>