

Rabbit Snk Polyclonal Antibody | anti-Snk antibody

Snk Polyclonal Antibody

CATALOG # AAA295814	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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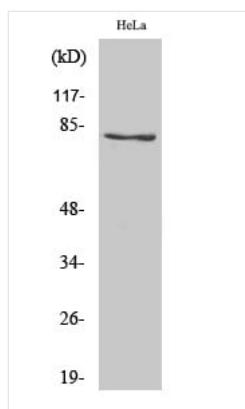
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

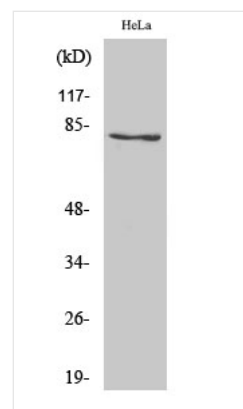
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-Snk antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-Snk antibody	Tumor suppressor serine/threonine-protein kinase involved in synaptic plasticity, centriole duplication and G1/S phase transition. Polo-like kinases act by binding and phosphorylating proteins that are already phosphorylated on a specific motif recognized by the POLO box domains. Phosphorylates CENPJ, NPM1, RAPGEF2, RASGRF1, SNCA, SIPA1L1 and SYNGAP1. Plays a key role in synaptic plasticity and memory by regulating the Ras and Rap protein signaling: required for overactivity-dependent spine remodeling by phosphorylating the Ras activator RASGRF1 and the Rap inhibitor SIPA1L1 leading to their degradation by the proteasome. Conversely, phosphorylates the Rap activator RAPGEF2 and the Ras inhibitor SYNGAP1, promoting their activity. Also regulates synaptic plasticity independently of kinase activity, via its interaction with NSF that disrupts the interaction between NSF and the GRIA2 subunit of AMPARs, leading to a rapid rundown of AMPAR-mediated current that occludes long term depression. Required for procentriole formation and centriole duplication by phosphorylating CENPJ and NPM1, respectively. Its induction by p53/TP53 suggests that it may participate in the mitotic checkpoint following stress.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	356582335
NCBI GeneID	10769
NCBI Accession #	NP_001239155.1
NCBI GenBank Nucleotide #	NM_001252226.1
UniProt Accession #	Q9NYY3; O60679; Q96CV7; Q9UE61
Molecular Weight	78,237 Da
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; PLK-2; serum-inducible kinase; serine/threonine-protein kinase SNK
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/snk-antibody-western-blot-elisa/295814>