

Anti-PLK2 Antibody Picoband® Biotin Conjugated

Catalog Number: A02881-Biotin

About PLK2

Polo-like kinase2, also known as SNK is an enzyme that in humans is encoded by the PLK2 gene. PLK2 is a member of the 'polo' family of serine/threonine protein kinases that have a role in normal cell division. The International Radiation Hybrid Mapping Consortium mapped the SNK gene to chromosome 5. SNK involved in synaptic plasticity, centriole duplication and G1/S phase transition. This gene 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.

Overview

Product Name	Anti-PLK2 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9NYY3

Technical Details

Immunogen	E. coli-derived human PLK2 recombinant protein (Position: A94-Q188).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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