

PLK1 (phospho T210) polyclonal antibody

Catalog # PAB15922 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of PLK1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T210 of human PLK1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — PLK1

Entrez GeneID	5347
Gene Name	PLK1

Gene Alias	PLK, STPK13
Gene Description	polo-like kinase 1 (Drosophila)
Omim ID	602098
Gene Ontology	Hyperlink
Other Designations	cell cycle regulated protein kinase polo (Drosophia)-like kinase polo like kinase polo-like kinase

Publication Reference

- [Identification of phosphorylation sites in the polo-like kinases Plx1 and Plk1 by a novel strategy based on element and electrospray high resolution mass spectrometry.](#)
Wind M, Kelm O, Nigg EA, Lehmann WD.
Proteomics 2002 Nov; 2(11):1516.
- [Phosphorylation of threonine 210 and the role of serine 137 in the regulation of mammalian polo-like kinase.](#)
Jang YJ, Ma S, Terada Y, Erikson RL.
The Journal of Biological Chemistry 2002 Nov; 277(46):44115.
- [Plk is a functional homolog of Saccharomyces cerevisiae Cdc5, and elevated Plk activity induces multiple septation structures.](#)
Lee KS, Erikson RL.
Molecular and Cellular Biology 1997 Jun; 17(6):3408.

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)