10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Polo-Like Kinase (Thr210) Antibody

Our Anti-Polo-Like Kinase (Thr210) rabbit polyclonal phosphospecific primary antibody from PhosphoSo
Catalog # AN1519

Product Information

Application	WB
Primary Accession	P53350
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68255

Additional Information

Gene ID	5347
Other Names	Cell cycle regulated protein kinase antibody, PLK 1 antibody, PLK antibody, PLK-1 antibody, plk1 antibody, PLK1_HUMAN antibody, Polo like kinase 1 antibody, Polo-like kinase 1 antibody, Serine/threonine protein kinase 13 antibody, Serine/threonine protein kinase PLK1 antibody, Serine/threonine-protein kinase 13 antibody, Serine/threonine-protein kinase PLK1 antibody, STPK 13 antibody, STPK13 antibody
Target/Specificity	Polo-like kinases are important regulators of cell cycle progression. PLK1 is a highly conserved Ser/Thr kinase that has essential roles in the formation of mitotic bipolar spindles (van Vugt et al., 2004). Deregulated expression of PLK's is detected in many types of cancer and associated with oncogenesis (Takei et al., 2005). It has been proposed that PLK1 function is altered at different stages of mitosis through consecutive phosphorylation events at Ser-137 and Thr-210 (van de Weerdt et al., 2005).
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Polo-Like Kinase (Thr210) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Polo-like kinases are important regulators of cell cycle progression. PLK1 is a highly conserved Ser/Thr kinase that has essential roles in the formation of mitotic bipolar spindles (van Vugt et al., 2004).

Deregulated expression of PLK's is detected in many types of cancer and associated with oncogenesis (Takei et al., 2005). It has been proposed that PLK1 function is altered at different stages of mitosis through consecutive phosphorylation events at Ser-137 and Thr-210 (van de Weerdt et al., 2005).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.