

Plk1(Phospho Ser137) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13177
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PLK1 around the phosphorylation site of Ser137. AA range:103-152
Mol wt	68255
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase PLK1
Synonyms	Serine/threonine-protein kinase PLK1; PLK1; PLK; Serine/threonine-protein kinase PLK1; Polo-like kinase 1; PLK-1; Serine/threonine-protein kinase 13; STPK13

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The Ser/Thr protein kinase encoded by this gene belongs to the CDC5/Polo subfamily. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis; hence, it is a target for cancer therapy.

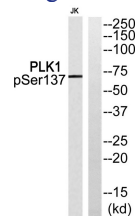
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of PLK1 (Phospho-Ser137) Antibody. The lane on the right is blocked with the PLK1 (Phospho-Ser137) peptide.

Storage

-20°C for 1 year