

A2548SP

Leader in Biomolecular Solutions for Life Science



PLK1 Rabbit pAb

Catalog No.: A2548SP

15 Publications

Basic Information

Observed MW

62 kDa

Calculated MW

68 kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 Dilutions

WB 1:10000 -
1:30000(Human&Rat)
1:1000 - 1:2000(Mouse)

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
5347

Swiss Prot
P53350

Immunogen

This information is considered to be commercially sensitive.

Synonyms

PLK; STPK13; PLK1

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage

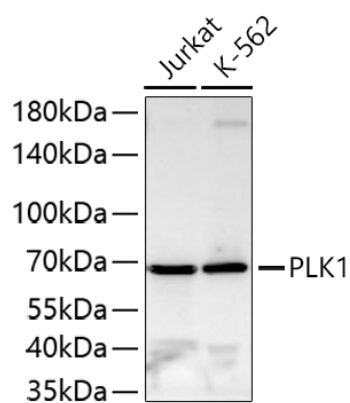
Store at -20°C

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using PLK1 Rabbit pAb (A2548SP) at 1:29000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s.