

Phospho-Chk1 (Ser296) Rabbit pAb

db7475

Package : 20μL 50μL 100μL

Product Name : Phospho-Chk1 (Ser296) Rabbit pAb**Cat.No.:** db7475**Synonyms** : CHK1**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the Ser/Thr protein kinase family. It is required for checkpoint mediated cell cycle arrest in response to DNA damage or the presence of unreplicated DNA. This protein acts to integrate signals from ATM and ATR, two cell cycle proteins involved in DNA damage responses, that also associate with chromatin in meiotic prophase I. Phosphorylation of CDC25A protein phosphatase by this protein is required for cells to delay cell cycle progression in response to double-strand DNA breaks. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2011]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser296 of human Chk1

Gene ID

1111

Swiss Prot

O14757

Synonyms

CHK1

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

54 kDa

Observed MW

54 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.