Phospho-Chk1 (Ser280) Rabbit pAb

db20551 **Package : 20μL 50μL 100μL**

Product Name : Phospho-Chk1 (Ser280) Rabbit pAb
Cat.No.: db20551
Synonyms : CHK1
Application : WB, IP
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 Ser280 of human Chk1
Gene ID	1111
Swiss Prot	O14757
Synonyms	CHK1
Reactivity	Human
Application	WB, IP
Recommended dilution	WB: 1:1000 IP: 1:20
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.