

## Chk1 Rabbit pAb

db1081

Package : 20μL 50μL 100μL

**Product Name** : Chk1 Rabbit pAb**Cat.No.:** db1081**Synonyms** : CHK1**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**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 peptide of human Chk1

**Gene ID**

1111

**Swiss Prot**

O14757

**Synonyms**

CHK1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
ICC/IF: 1:20  
FC: 1:20  
IP: 1:20**Calculated MW**

54 kDa

**Observed MW**

54 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.