



## Chk1 Rabbit pAb

db958 Package: 20μL 50μL 100μL

Product Name: Chk1 Rabbit pAb

Cat.No.: db958
Synonyms: CHK1

Application: WB, IHC, ICC/IF, FC

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 peptide of human Chk1

Gene ID 1111

Swiss Prot 014757

Synonyms CHK1

Reactivity Human

**Application** WB, IHC, ICC/IF, FC

Recommended dilution WB: 1:2000

IHC: 1:20

ICC/IF: 1:20-1:50

FC: 1:100

Calculated MW 54 kDa

**Observed MW** 54 kDa

Host species Rabbit

**Clonality** Polyclonal

**Isotype** IgG



## For Research Use Only **Product Datasheet**

**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.