

Datasheet for ABIN7451703
anti-CHEK2 antibody (AA 1-50)



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Overview

Quantity:	100 µg
Target:	CHEK2
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Chk2 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CHEK2
Alternative Name:	Chk2 (CHEK2 Products)
Background:	Background: Chk2 functions as a checkpoint protein kinase in response to DNA damage to maintain genomic stability. The yeast homologs are RAD53 and Cds1. The two major upstream

Target Details

controllers of Chk2 are ATM and ATR which are part of the phosphatidylinositol 3-kinase family. When activated, Chk2 targets p53, Brca1, Cdc25A and Cdc25C to cause cell cycle arrest. Chk2 is also known as serine/threonine-protein kinase CHK2, CHEK2, CDS1, LFS2, RAD53, HuCds1, and PP1425.

Gene ID: 11200

NCBI Accession: [NP_009125](#)

UniProt: [O96017](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [Cell Division Cycle](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months