

Datasheet for ABIN7448477
anti-CHEK2 antibody (AA 475-525)



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Overview

Quantity:	50 µg
Target:	CHEK2
Binding Specificity:	AA 475-525
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-Chk2 IHC Antibody, Affinity Purified
Immunogen:	Between AA 475 and 525
Isotype:	IgG
Predicted Reactivity:	Orangutan, Chimpanzee
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

Target Details

maintain genomic stability. The yeast homologs are RAD53 and Cds1. The two major upstream 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:	1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	500 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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