

Datasheet for ABIN7454369
anti-CHEK2 antibody (AA 475-525)



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Overview

Quantity:	100 µg
Target:	CHEK2
Binding Specificity:	AA 475-525
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Chk2 Antibody, Affinity Purified
Immunogen:	between AA 475 and 525
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

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:	IHC: 1:250 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 1 - 4 µg/mg lysate WB: Not recommended. Use rabbit anti-Chk2 antibody A300-620A.
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