

Datasheet for ABIN594243
anti-CHEK2 antibody (AA 427-441)



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Overview

Quantity:	100 µg
Target:	CHEK2
Binding Specificity:	AA 427-441
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to aa427-441, FSEHRTQVSLKDQIT to human Checkpoint homolog CHK2. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%), Mouse, Rat, Hamster, Elephant, Panda, Bovine, Horse, Rabbit (93%), Dog, Bat (87%), Opossum, Turkey (80%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human Checkpoint homolog CHK2 at 61kD. Species cross-reactivity: rat. Sequence Homology: mouse.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%) Mouse, Rat, Hamster, Elephant, Panda, Bovine, Horse, Rabbit (93%) Dog, Bat (87%) Opossum, Turkey

Product Details

(80%).

Purification: Immunoaffinity purified

Target Details

Target: CHEK2

Alternative Name: CHEK2 / CHK2 ([CHEK2 Products](#))

Background: Name/Gene ID: CHEK2
Subfamily: CDS1
Family: Protein Kinase

Synonyms: CHEK2, BA444G7, Cds1 homolog, Checkpoint kinase 2, Checkpoint-like protein CHK2, CHK2 checkpoint homolog, CHK2, HCds1, LFS2, RAD53, Rad53 homolog, HCHK2, HuCds1, PP1425

Gene ID: 11200

UniProt: [O96017](#)

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

Application Details

Application Notes: Approved: WB (0.75 µg/mL)

Usage: Suitable for use in Western blot: 0.75 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Sterile distilled water

Concentration: Lot specific

Buffer: Lyophilized from 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg Thimerosal, 0.05 mg sodium azide

Handling

Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Reconstituted product is stable for 1 year at -20°C.