

Datasheet for ABIN5961578
anti-CHEK2 antibody (Thr68)



[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	CHEK2
Binding Specificity:	Thr68
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from human Chk2 around the non-phosphorylation site of T68.
Isotype:	IgG
Specificity:	CDS 1,Cds1,Cds1 homolog,Checkpoint kinase 2,Checkpoint like protein CHK2,CHEK 2,Chk2,Chk 2,CHK2 checkpoint homolog (S. pombe),CHK2 checkpoint homolog,CHK2,hCds1,HuCds 1,LFS 2,LFS2,PP1425,RAD 53,RAD53,Rad53 homolog,Serine/threonine protein kinase Chk2,Serine/threonine-protein kinase Chk2
Purification:	Affinity purification

Target Details

Target:	CHEK2
Alternative Name:	Chk2 (CHEK2 Products)

Target Details

Background:	Regulates cell cycle checkpoints and apoptosis in response to DNA damage, particularly to DNA double-strand breaks. Inhibits CDC25C phosphatase by phosphorylation on 'Ser-216', preventing the entry into mitosis. May also play a role in meiosis. Regulates the TP53 tumor suppressor through phosphorylation at 'Thr-18' and 'Ser-20'.
Molecular Weight:	61kDa
Gene ID:	11200
UniProt:	O96017
Pathways:	p53 Signaling , Apoptosis , Cell Division Cycle

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:10000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol pH 7.4.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.