

Datasheet for ABIN1531803
anti-CHEK2 antibody (pThr68)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CHEK2
Binding Specificity:	AA 35-84, pThr68
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Chk2 around the phosphorylation site of Thr68.
Isotype:	IgG
Specificity:	Chk2 (Phospho-Thr68) Antibody detects endogenous levels of Chk2 only when phosphorylated at Thr68. PhosphorylationH:T68 M:T77 R:T76
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

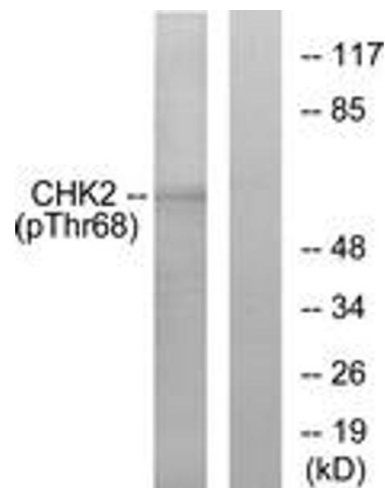
Target:	CHEK2
Alternative Name:	Chk2 (CHEK2 Products)
Background:	Synonyms: Cds1, CHEK2, CHK2, Chk2, CHK2 checkpoint homolog (S. pombe), kinase Chk2, RAD53 NCBI Gene Symbol: CHEK2
Molecular Weight:	60 kDa
Gene ID:	11200
OMIM:	176807
UniProt:	O96017
Pathways:	p53 Signaling , Apoptosis , Cell Division Cycle

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.291363, Hs.505297 (NCBI Gene Symbol: CHEK2)
Restrictions:	For Research Use only

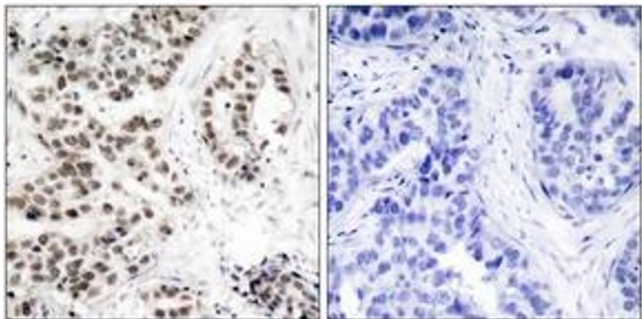
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells treated with UV, using Chk2 (Phospho-Thr68) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Chk2 (Phospho-Thr68) Antibody. The picture on the right is treated with the synthesized peptide.