Datasheet for ABIN1531802

anti-CHEK2 antibody (pSer516)

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Overview

Quantity:	100 µL
Target:	CHEK2
Binding Specificity:	AA 486-535, pSer516
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Chk2 around the phosphorylation site of Ser516.
Isotype:	IgG
Specificity:	Chk2 (Phospho-Ser516) Antibody detects endogenous levels of Chk2 only when phosphorylated at Ser516. PhosphorylationH:S516
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

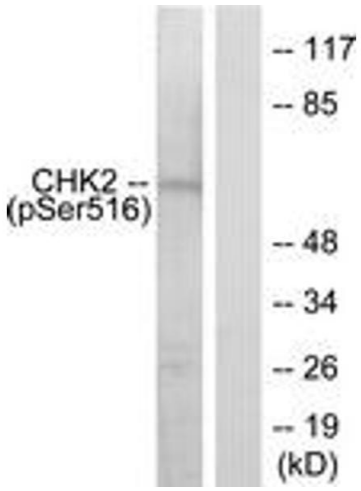
Target:	CHEK2
Alternative Name:	Chk2 (CHEK2 Products)
Background:	Synonyms: Cds1, CHEK2, CHK2, Chk2, CHK2 checkpoint homolog (S. pombe), kinase Chk2, RAD53 NCBI Gene Symbol: CHEK2
Molecular Weight:	60 kDa
Gene ID:	11200
OMIM:	176807
UniProt:	O96017
Pathways:	p53 Signaling, Apoptosis, Cell Division Cycle

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
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 Mg2+ and Ca2+), 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 HeLa cells treated with UV, using Chk2 (Phospho-Ser516) Antibody. The lane on the right is treated with the synthesized peptide.