

Datasheet for ABIN7300518
anti-CHEK2 antibody (pSer387)



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2 Images

Overview

Quantity:	100 µL
Target:	CHEK2
Binding Specificity:	pSer387
Reactivity:	Human, Mouse, Rat, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHEK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHK2.
Specificity:	Recognizes endogenous levels of CHK2 (pT387) protein.
Characteristics:	Rabbit polyclonal antibody to CHK2 (pT387)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CHEK2
Alternative Name:	CHK2 (CHEK2 Products)
Background:	CDS1, CHK2, RAD53, Serine/threonine-protein kinase Chk2, CHK2 checkpoint homolog, Cds1

Target Details

	homolog, Hucds1, hCds1, Checkpoint kinase 2
Gene ID:	11200, 50883
UniProt:	O96017 , Q9Z265
Pathways:	p53 Signaling , Apoptosis , Cell Division Cycle

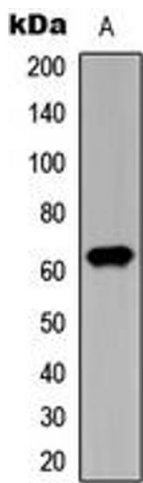
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

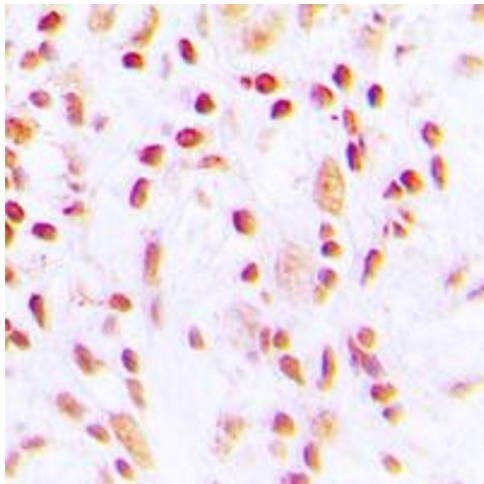
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of CHK2 (pT387) expression in HeLa (A) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of CHK2 (pT387) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. w