

Rabbit Chk1 Polyclonal Antibody | anti-Chk1 antibody

Chk1 antibody

CATALOG # AAA224907	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Chk1; Polyclonal Antibody; Chk1 antibody; Rabbit polyclonal Chk1 antibody; Polyclonal Chk1 antibody; Anti-Chk1 antibody; Chk-1 antibody; Chk 1 antibody; Ab 317 antibody; Chk-1; Chk 1; CHEK1 antibody; anti-Chk1 antibody

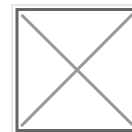
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-Chk1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Chk1 antibody was raised in Rabbit using the peptide sequence around aa 315~319 (S-S-S-Q-P) derived from Human Chk1 as the immunogen.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from MDA231, Hela and 293 cells using Chk1 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Chk1 antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-Chk1 antibody	Chk1 is a kinase that phosphorylates cdc25, an important phosphatase in cell cycle control, particularly for entry into mitosis. Cdc25, when phosphorylated on serine 216 by chk1 becomes bound by an adaptor protein in the cytoplasm. Therefore it is inhibited from removing the inhibiting phosphate from MPF (mitotic/maturation promoting factor) added by Wee1. Consequently, a cell is prevented from entering mitosis.
Product Categories/Family for anti-Chk1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2367669
NCBI GeneID	1111
Molecular Weight	50,415 Da
NCBI Official Full Name	Chk1
NCBI Official Synonym Full Names	checkpoint kinase 1
NCBI Official Symbol	CHEK1
NCBI Official Synonym Symbols	CHK1
NCBI Protein Information	serine/threonine-protein kinase Chk1
UniProt Protein Name	Serine/threonine-protein kinase Chk1
UniProt Gene Name	CHEK1
UniProt Synonym Gene Names	CHK1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/chk1-antibody-western-blot-immunohistochemistry-elisa/224907>