

Rabbit Chk2 Polyclonal Antibody | anti-Chk2 antibody

Phospho-Chk2 (T68) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172461	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

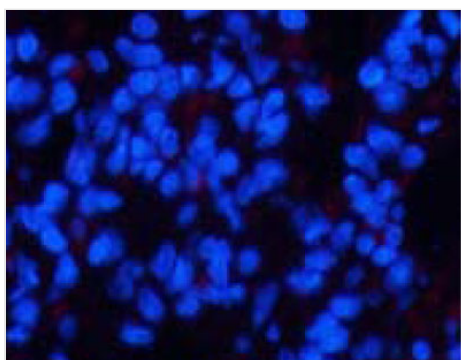
PRODUCT SYNONYMS

Chk2; Polyclonal Antibody; Phospho-Chk2 (T68) Polyclonal Antibody; CHEK2; CDS1; CHK2; RAD53; Serine/threonine-protein kinase Chk2; CHK2 checkpoint homolog; Cds1 homolog; Hucds1; hCds1; Checkpoint kinase 2; anti-Chk2 antibody

PRODUCT SPECIFICATIONS

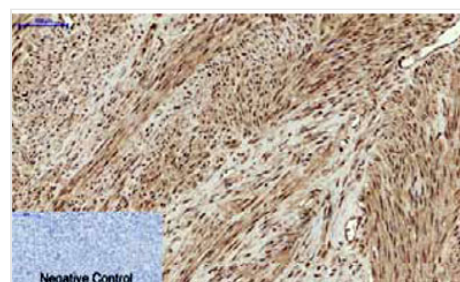
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Applicable Applications for anti-Chk2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human Chk2 around the phosphorylation site of Thr68.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



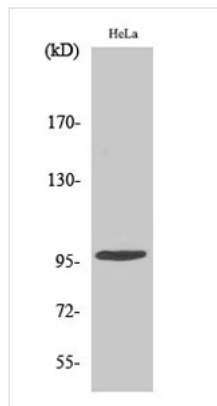
IF (Immunofluorescence)

Immunofluorescence analysis of Rat lung tissue with Phospho-Chk2 (Thr68) Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human uterus tissue with Phospho-Chk2 (Thr68) Polyclonal Antibody at dilution of 1:200



WB (Western Blot)

Western Blot analysis of HeLa cells using Phospho-Chk2 (Thr68) Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-Chk2 antibody	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'.
Product Categories/Family for anti-Chk2 antibody	Phospho Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11034732
NCBI GeneID	11200
UniProt Accession #	O96017 ; Q6QA03 ; Q6QA04 ; Q6QA05 ; Q6QA06 ; Q6QA07 ; Q6QA08 ; Q6QA10 ; A8K3Y9 ; B7ZBF3 ; B7ZBF4 ; B7ZBF5
Molecular Weight	Calculated MW: 61 kDa Observed MW: 61kDa
NCBI Official Full Name	CHK2, partial
NCBI Official Synonym Full Names	checkpoint kinase 2
NCBI Official Symbol	CHEK2
NCBI Official Synonym Symbols	CDS1; CHK2; LFS2; RAD53; hCds1; HuCds1; PP1425
NCBI Protein Information	serine/threonine-protein kinase Chk2
UniProt Protein Name	Serine/threonine-protein kinase Chk2
UniProt Gene Name	CHEK2
UniProt Synonym Gene Names	CDS1; CHK2; RAD53; Hucds1; hCds1
UniProt Entry Name	CHK2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chk2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/172461>