

Rabbit CHK2 Polyclonal Antibody | anti-CHK2 antibody

CHK2 Antibody (Thr387)

CATALOG # AAA226137	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CHK2; Polyclonal Antibody; CHK2 Antibody (Thr387); Rabbit Polyclonal CHK2 Antibody (Thr387); Polyclonal CHK2 antibody; Anti-CHK2 antibody; Cds1 antibody; checkpoint-like protein CHK2 antibody; CHEK2 antibody; CHK2 antibody; CHK2 checkpoint homolog (S. pombe) antibody; HuCds1 antibody; LFS2 antibody; PP1425 antibody; protein kinase CHK2 antibody; RAD53 antibody; Serine/threonine-protein kinase Chk2 antibody; anti-CHK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	CHK2 antibody (Thr387) detects endogenous levels of CHK2 only when phosphorylated at serine 317
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	514
Applicable Applications for anti-CHK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	CHK2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human CHK2 around the phosphorylation site of threonine 387 (C-G-TP-P-T) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells using CHK2 (Phospho-Thr387) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue using CHK2 antibody (Thr387)

ADDITIONAL INFORMATION

Related Product Information for anti-CHK2 antibody	CHK2 phosphorylates numerous effectors preferentially at the consensus sequence [L-X-R-X-X-S/T]. Regulates cell cycle checkpoint arrest through phosphorylation of CDC25A, CDC25B and CDC25C, inhibiting their activity. Inhibition of CDC25 phosphatase activity leads to increased inhibitory tyrosine phosphorylation of CDK-cyclin complexes and blocks cell cycle progression. May also phosphorylate NEK6 which is involved in G2/M cell cycle arrest.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11034732
NCBI GeneID	11200
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

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-immunohistochemistry-western-blot-elisa/226137>