

anti-Human Chk1 Antibody | anti-Chk1 antibody

Chk1 (Phospho-Ser301) Antibody

CATALOG # AAA111947	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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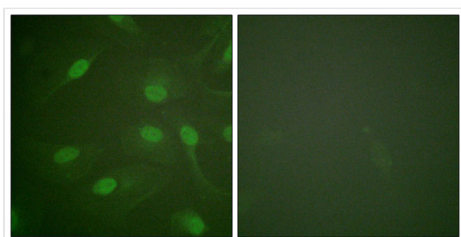
PRODUCT SYNONYMS

Chk1; Chk1 (Phospho-Ser301) Antibody; CHEK1; EC 2.7.11.1; kinase Chk1; anti-Chk1 antibody

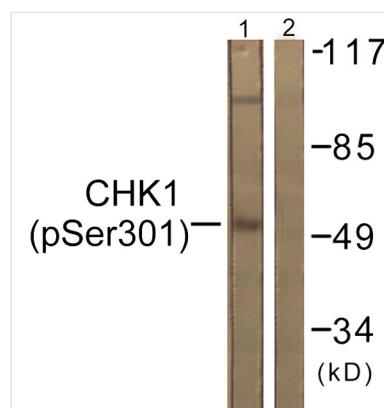
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Chk1 (Phospho-Ser301) antibody detects endogenous levels of Chk1 only when phosphorylated at serine 301.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	476
Applicable Applications for anti-Chk1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Chk1 around the phosphorylation site of serine 301 (D-F-SP-P-V).
All Sites	Human: Ser301
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from 293 cells, using Chk1 (Phospho-Ser301) antibody. Immunofluorescence analysis of HeLa cells, using Chk1 (Phospho-Ser301) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-Chk1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Sanchez Y., Science 277:1497-1501(1997). Shieh S.-Y., Genes Dev. 14:289-300(2000). Uensal-Kacmaz K., Mol. Cell. Biol. 25:3109-3116(2005). Matsuoka S., Science 316:1160-1166(2007).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166295194
NCBI GeneID	1111
NCBI Accession #	NP_001107593.1
NCBI GenBank Nucleotide #	NM_001114121.2
UniProt Accession #	O14757; A8K934; B4DDD0; B4DSK3; B5BTY6; F5H7S4; H2BI51
Molecular Weight	50,415 Da
NCBI Official Full Name	serine/threonine-protein kinase Chk1 isoform 1
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.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/chk1/111947>