

Rabbit anti-Human Chk1 Polyclonal Antibody | anti-Chk1 antibody

Chk1 (Phospho-Ser286) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316334	Rabbit	Human	ELISA, Immunofluorescence, Western Blot

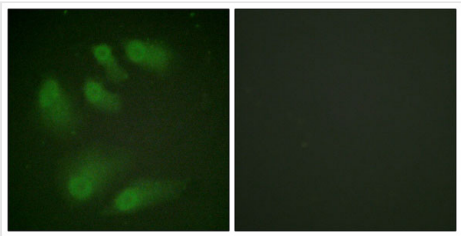
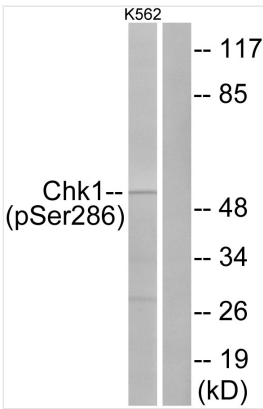
PRODUCT SYNONYMS

Chk1; Polyclonal Antibody; Chk1 (Phospho-Ser286) Antibody; CHEK1; kinase Chk1; anti-Chk1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Chk1 (Phospho-Ser286) Antibody detects endogenous levels of Chk1 only when phosphorylated at Ser286.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (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	442
Applicable Applications for anti-Chk1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S286
Immunogen	The antiserum was produced against synthesized peptide derived from human Chk1 around the phosphorylation site of Ser286.
Immunogen Range	256-305
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using Chk1 (Phospho-Ser286) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from K562 cells treated with Na3VO4 0.3uM 40', using Chk1 (Phospho-Ser286) Antibody. The lane on the right is blocked with the phospho peptide.

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	54 kDa
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.