

Rabbit anti-Human CHEK1 / CHK1 Polyclonal Antibody | anti-CHEK1 antibody

Anti-CHEK1 / CHK1 Antibody IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162146	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

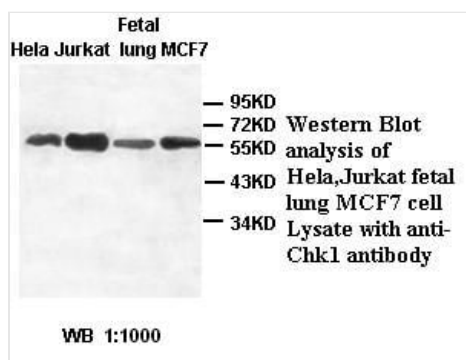
PRODUCT SYNONYMS

CHEK1 / CHK1; Polyclonal Antibody; Anti-CHEK1 / CHK1 Antibody IHC-plus; Rabbit Polyclonal (IgG) to Human CHEK1 / CHK1; Human CHEK1 / CHK1; CHK1 checkpoint homolog; Cell cycle checkpoint kinase; Checkpoint kinase 1; Chk1-S; Protein kinase chk1; Checkpoint kinase-1; anti-CHEK1 antibody

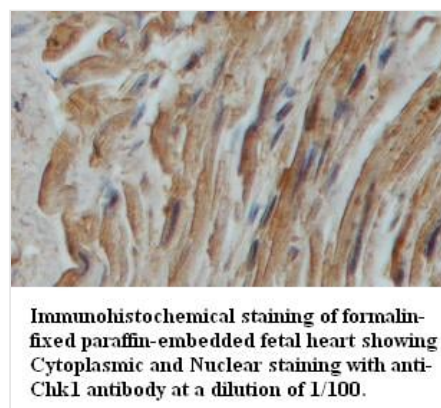
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified
Form/Format	PBS, pH 7.4, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-CHEK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Immunogen	CHEK1 / CHK1 antibody was raised against recombinant protein
Immunogen Description	Recombinant protein
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C for up to one year.

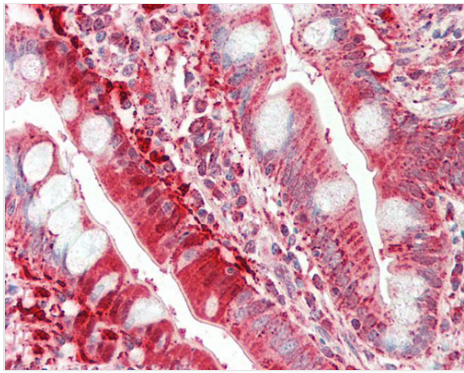
IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-CHEK1 antibody	CHEK1 Antibody, CHK1 checkpoint homolog Antibody, Cell cycle checkpoint kinase Antibody, Checkpoint kinase 1 Antibody, CHK1 Antibody, Chk1-S Antibody, Protein kinase chk1 Antibody, Checkpoint kinase-1 Antibody Description: Serine/threonine-protein kinase which is required for checkpoint-mediated cell cycle arrest and activation of DNA repair in response to the presence of DNA damage or unreplicated DNA. May also negatively regulate cell cycle progression during unperturbed cell cycles. This regulation is achieved by a number of mechanisms that together help to preserve the integrity of the genome. Recognizes the substrate consensus sequence [R-X-X-S/T]. Binds to and phosphorylates CDC25A, CDC25B and CDC25C.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166295192
NCBI GeneID	1111
NCBI Accession #	NP_001265.2
NCBI GenBank Nucleotide #	NM_001274.5
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
UniProt Entry Name	CHK1_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.