

Rabbit CHEK1 Polyclonal Antibody | anti-CHEK1 antibody

CHEK1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197407	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

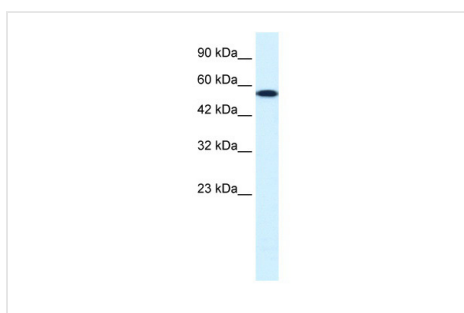
PRODUCT SYNONYMS

CHEK1; Polyclonal Antibody; CHEK1 antibody - middle region; anti-CHEK1 antibody

PRODUCT SPECIFICATIONS

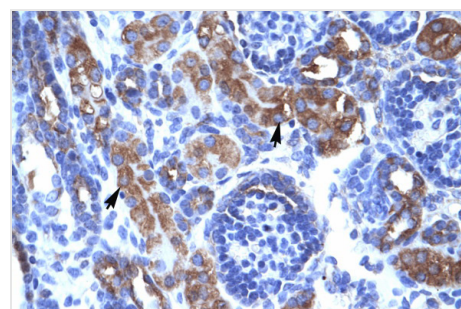
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: WS CGIVLTAMLA GELPWDQPSD SCQEYSDWKE KKTLYLNPWKK IDSAPLAL
Sequence Length	476
Applicable Applications for anti-CHEK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CHEK1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CHEK1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate CHEK1 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-CHEK1 antibody	This is a rabbit polyclonal antibody against CHEK1. It was validated on Western Blot and immunohistochemistry Target Description: CHEK1 is required during normal S phase to avoid aberrantly increased initiation of DNA replication, thereby protecting against DNA breakage. Its expression is dispensable for somatic cell death and critical for sustaining G2 DNA damage checkpoint.
Product Categories/Family for anti-CHEK1 antibody	Polyclonal ; Cell Cycle Proteins ; Transcription Regulation ; Immunohistochemistry ; DNA Repair ; Phosphorylation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	166295192
NCBI GeneID	1111
NCBI Accession #	NP_001265
NCBI GenBank Nucleotide #	NM_001274
UniProt Accession #	O14757
Molecular Weight	54kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/chek1-antibody-western-blot-immunohistochemistry-elisa/197407>