

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

CHEK1 Antibody

CATALOG # AAA310362	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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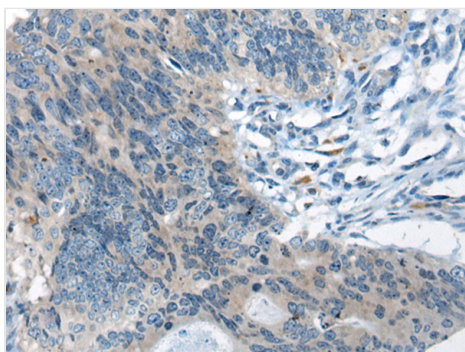
PRODUCT SYNONYMS

CHEK1; Polyclonal Antibody; CHEK1 Antibody; CHK1; anti-CHEK1 antibody

PRODUCT SPECIFICATIONS

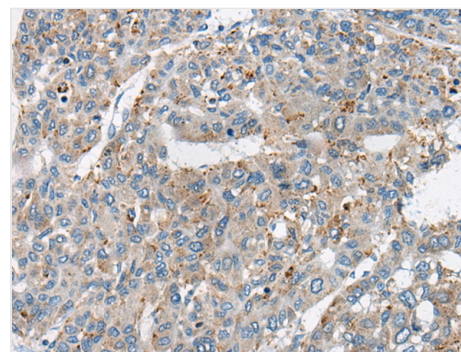
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CHEK1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.5mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-CHEK1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to internal residues of human CHEK1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46488(CHEK1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46488(CHEK1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-CHEK1 antibody	The protein encoded by this gene belongs to the Ser/Thr protein kinase family. It is required for checkpoint mediated cell cycle arrest in response to DNA damage or the presence of unreplicated DNA. This protein acts to integrate signals from ATM and ATR, two cell cycle proteins involved in DNA damage responses, that also associate with chromatin in meiotic prophase I. Phosphorylation of CDC25A protein phosphatase by this protein is required for cells to delay cell cycle progression in response to double-strand DNA breaks. Several alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-CHEK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	166295192
NCBI GeneID	1111
NCBI Accession #	NP_001265
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

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/chek1-antibody-immunohistochemistry-elisa/310362>