

Rabbit anti-Human CDC7 (CDC7L1) Polyclonal Antibody | anti-CDC7 antibody

CDC7 (CDC7L1) Antibody (N-term)

CATALOG # AAA284207	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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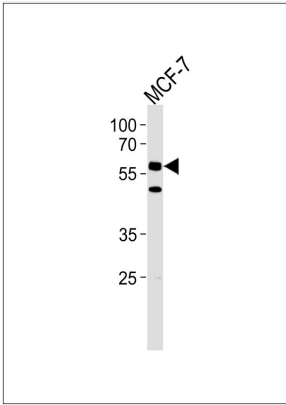
PRODUCT SYNONYMS

CDC7 (CDC7L1); Polyclonal Antibody; CDC7 (CDC7L1) Antibody (N-term); Cell division cycle 7-related protein kinase; CDC7-related kinase; HsCdc7; huCdc7; CDC7; CDC7L1; anti-CDC7 antibody

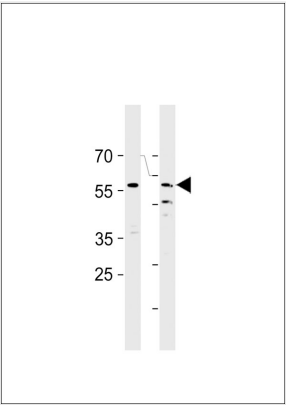
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC7 (CDC7L1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CDC7 (CDC7L1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	574
Applicable Applications for anti-CDC7 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
HCDC7L1 Antibody (M9) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the HCDC7L1 antibody detected the HCDC7L1 protein (arrow).



WB (Western Blot)
HCDC7L1 Antibody (M9) western blot analysis in HT29,MCF-7 cell line lysates (35ug/lane).This demonstrates the HCDC7L1 antibody detected the HCDC7L1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CDC7 antibody	CDC7L1 is predominantly localized in the nucleus and is a cell division cycle protein with kinase activity. Although expression levels of the protein appear to be constant throughout the cell cycle, the protein kinase activity appears to increase during S phase. It has been suggested that the protein is essential for initiation of DNA replication and that it plays a role in regulating cell cycle progression. Overexpression of this gene product may be associated with neoplastic transformation for some tumors.
Product Categories/Family for anti-CDC7 antibody	Crown Antibodies; Cell Biology
References	Montagnoli, A., et al., EMBO J. 21(12):3171-3181 (2002). Hess, G.F., et al., Gene 211(1):133-140 (1998). Jiang, W., et al., Proc. Natl. Acad. Sci. U.S.A. 94(26):14320-14325 (1997). Sato, N., et al., EMBO J. 16(14):4340-4351 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	197313665
NCBI GeneID	8317
NCBI Accession #	NP_001127891.1; NP_001127892.1; NP_003494.1
NCBI GenBank Nucleotide #	NM_001134419.1
UniProt Accession #	O00311; O00558; Q5T5U5; D3DT31
Molecular Weight	63888
NCBI Official Full Name	cell division cycle 7-related protein kinase
NCBI Official Synonym Full Names	cell division cycle 7
NCBI Official Symbol	CDC7
NCBI Official Synonym Symbols	Hsk1; CDC7L1; HsCDC7; huCDC7
NCBI Protein Information	cell division cycle 7-related protein kinase
UniProt Protein Name	Cell division cycle 7-related protein kinase
UniProt Gene Name	CDC7
UniProt Synonym Gene Names	CDC7L1; CDC7-related kinase; HsCdc7; huCdc7

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/cdc7-cdc7l1-antibody-western-blot-elisa/284207>