

Rabbit CDC7 Polyclonal Antibody | anti-CDC7 antibody

Rabbit Polyclonal to Human CDC7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51766	Rabbit	Bat, Gibbon, Bovine, Dog, Gorilla, Horse, Human, Rabbit Predicted Reactivity: Monkey, Mouse, Rat, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

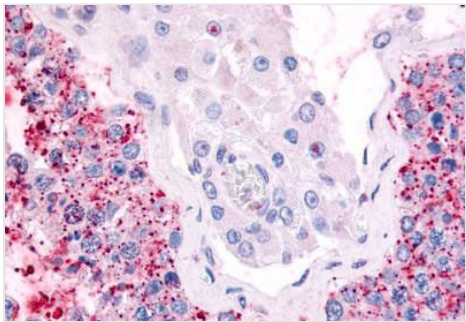
PRODUCT SYNONYMS

CDC7; Polyclonal Antibody; Rabbit Polyclonal to Human CDC7; Anti-CDC7 Antibody (Kinase Domain) IHC-plus; Cdc7 Kinase; CDC7-like 1; CDC7L1; HsCDC7; HuCDC7; CDC7-related kinase; Hsk1; MuCdc7; Human CDC7; anti-CDC7 antibody

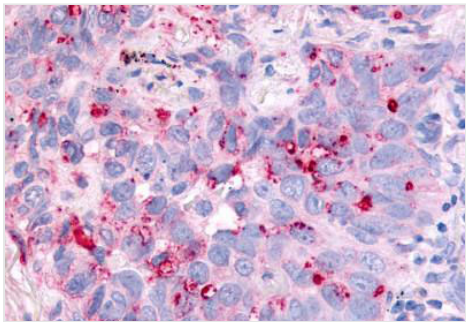
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Horse, Human, Rabbit Predicted Reactivity: Monkey, Mouse, Rat, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CDC7. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	574
Applicable Applications for anti-CDC7 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from kinase domain of human CDC7. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Opossum (100%).
Immunogen Type	Synthetic peptide
Immunogen	CDC7 antibody was raised against synthetic 19 amino acid peptide from kinase domain of human CDC7. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Opossum (100%); Monkey, Mouse, Rat, Hamster, Platypus (95%); Turkey, Chicken, Lizard, Xenopus (89%); Stickleback, Pufferfish, Zebrafish (84%).
Antigen Modification	Kinase Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

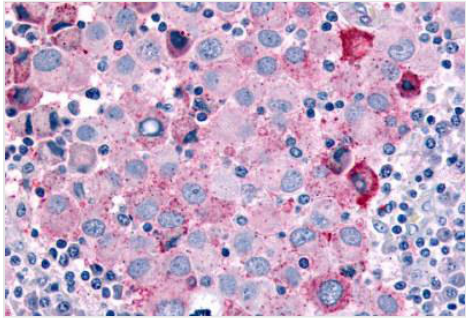
IMAGES



IHC (Immunohistochemistry)
Anti-CDC7 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CDC7 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CDC7 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC7 antibody	CDC7L1, CDC7 type protein kinase, regulates firing of the origins of initiation in DNA replication. CDC7L1 forms a complex with a Dbf4-related regulatory subunit to generate an active kinase. Mini-chromosome maintenance protein (MCM) is the major physiological target of Cdc7L1. At least three mRNA variants have been reported. Overexpression of the CDC7L1 protein may be associated with neoplastic transformation for some tumors.
Product Categories/Family for anti-CDC7 antibody	Family: Protein Kinase; Subfamily: CDC7

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502715
NCBI GeneID	8317
NCBI Accession #	NP_003494.1
NCBI GenBank Nucleotide #	NM_003503.3
UniProt Accession #	O00311; O00558; Q5T5U5; D3DT31
Molecular Weight	63,888 Da
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; CDC7-related kinase; cell division cycle 7 homolog; cell division cycle 7-like protein 1; CDC7 (cell division cycle 7, S. cerevisiae, homolog)-like 1

UniProt Protein Name	Cell division cycle 7-related protein kinase
UniProt Gene Name	CDC7
UniProt Synonym Gene Names	CDC7L1; CDC7-related kinase; HsCdc7; huCdc7
UniProt Entry Name	CDC7_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdc7-antibody-immunohistochemistry-elisa/51766>