

Rabbit anti-Human CDC45L Polyclonal Antibody | anti-CDC45 antibody

CDC45L Antibody (Center)

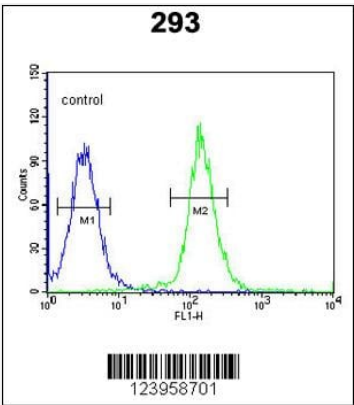
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283947	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

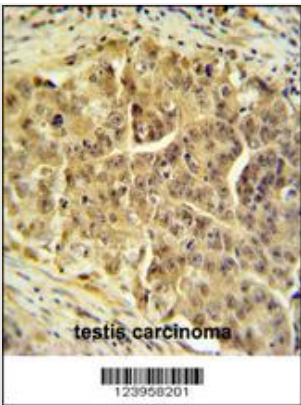
CDC45L; Polyclonal Antibody; CDC45L Antibody (Center); Cell division control protein 45 homolog; PORC-PI-1; CDC45; CDC45L2; anti-CDC45 antibody

PRODUCT SPECIFICATIONS

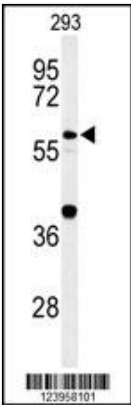
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC45L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-263 amino acids from the Central region of human CDC45L.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.39 (varies by lot)
Sequence Positions	236-263
Sequence Length	598
Applicable Applications for anti-CDC45 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.



FCM/FACS (Flow Cytometry)
CDC45L Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CDC45L Antibody (Center) IHC analysis in formalin fixed and paraffin embedded testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CDC45L Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDC45L Antibody (Center) in 293 cell line lysates (35ug/lane). CDC45L (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC45 antibody	The protein encoded by this gene was identified by its strong similarity with <i>Saccharomyces cerevisiae</i> Cdc45, an essential protein required to the initiation of DNA replication. Cdc45 is a member of the highly conserved multiprotein complex including Cdc6/Cdc18, the minichromosome maintenance proteins (MCMs) and DNA polymerase, which is important for early steps of DNA replication in eukaryotes. This protein has been shown to interact with MCM7 and DNA polymerase alpha. Studies of the similar gene in <i>Xenopus</i> suggested that this protein play a pivotal role in the loading of DNA polymerase alpha onto chromatin. Multiple polyadenylation sites of this gene are reported.
Product Categories/Family for anti-CDC45 antibody	Cell Biology
References	Chowdhury, A., et al. Mol. Cell. Biol. 30(6):1495-1507(2010) Im, J.S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15628-15632(2009) Ballabeni, A., et al. J. Biol. Chem. 284(5):3028-3036(2009) Enjuanes, A., et al. Cancer Res. 68(24):10178-10186(2008) Hoskins, J.M., et al. Clin. Cancer Res. 14(6):1788-1796(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	295821205
NCBI GeneID	8318

NCBI Accession #	NP_001171481.1; NP_001171482.1; NP_003495.1
NCBI GenBank Nucleotide #	NM_001178010.2
UniProt Accession #	O75419; O60856; Q20WK8; Q6UW54; Q9UP68; B4DDB4; B4DDU3; E9PDH7
Molecular Weight	65569
NCBI Official Full Name	cell division control protein 45 homolog isoform 1
NCBI Official Synonym Full Names	cell division cycle 45
NCBI Official Symbol	CDC45
NCBI Official Synonym Symbols	CDC45L; CDC45L2; PORC-PI-1
NCBI Protein Information	cell division control protein 45 homolog
UniProt Protein Name	Cell division control protein 45 homolog
UniProt Gene Name	CDC45
UniProt Synonym Gene Names	CDC45L; CDC45L2
UniProt Entry Name	CDC45_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/cdc45i-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283947>