

Rabbit CDC73 Polyclonal Antibody | anti-CDC73 antibody

CDC73 Antibody (Center)

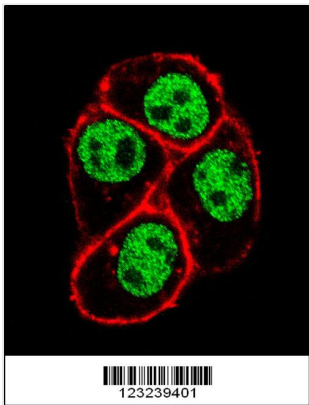
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286388	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

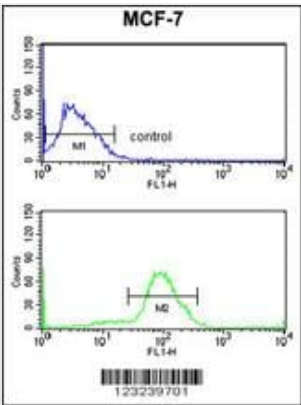
CDC73; Polyclonal Antibody; CDC73 Antibody (Center); Parafibromin; Cell division cycle protein 73 homolog; Hyperparathyroidism 2 protein; C1orf28; HRPT2; anti-CDC73 antibody

PRODUCT SPECIFICATIONS

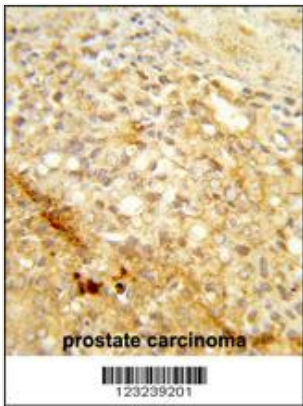
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC73 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-161 amino acids from the Central region of human CDC73.
Purity/Purification	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: 0.5 (varies by lot)
Sequence Positions	132-161
Sequence Length	531
Applicable Applications for anti-CDC73 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA, IF (Immunofluorescence)
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.



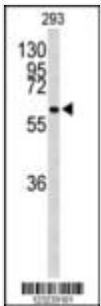
IF (Immunofluorescence)
Confocal immunofluorescent analysis of CDC73 Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



FCM/FACS (Flow Cytometry)
CDC73 Antibody (Center) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with CDC73 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDC73 Antibody (Center) in 293 cell line lysates (35ug/lane). CDC73 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC73 antibody	CDC73 encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin.
References	Vierimaa,O., et.al., J. Endocrinol. Invest. 32 (6), 512-518 (2009) Hahn,M.A., et.al., J. Endocrinol. 201 (3), 387-396 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40018640
NCBI GeneID	79577
NCBI Accession #	NP_078805.3
NCBI GenBank Nucleotide #	NM_024529.4
UniProt Accession #	Q6P1J9; Q6PK51; Q96A07; Q9H245; Q9H5L7; A6NLZ8; B2RBR2
Molecular Weight	60577

NCBI Official Full Name	parafibromin
NCBI Official Synonym Full Names	cell division cycle 73
NCBI Official Symbol	CDC73
NCBI Official Synonym Symbols	HYX; FIHP; HPTJT; HRPT1; HRPT2; C1orf28
NCBI Protein Information	parafibromin
UniProt Protein Name	Parafibromin
UniProt Gene Name	CDC73
UniProt Synonym Gene Names	C1orf28; HRPT2
UniProt Entry Name	CDC73_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/cdc73-antibody-flow-cytometry-immunohistochemistry-western-blot-immunofluorescence-elisa/286388>