

Datasheet for ABIN653128
anti-HRPT2 antibody (AA 132-161)[Go to Product page](#)

7 Images

Overview

Quantity:	400 µL
Target:	HRPT2 (CDC73)
Binding Specificity:	AA 132-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRPT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB23239
Isotype:	Ig Fraction
Predicted Reactivity:	C, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HRPT2 (CDC73)
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Target Details

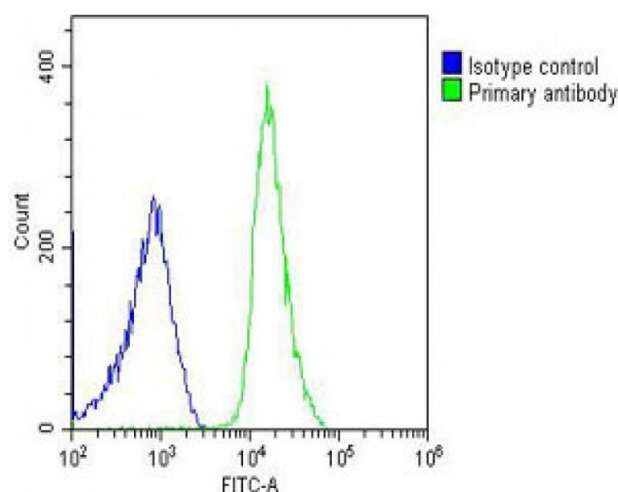
Alternative Name:	CDC73 (CDC73 Products)
Background:	CDC73 encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin.
Molecular Weight:	60577
Gene ID:	79577
NCBI Accession:	NP_078805
UniProt:	Q6P1J9
Pathways:	Cellular Response to Molecule of Bacterial Origin, Stem Cell Maintenance

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:2000. IHC-P: 1:25. IHC-P: 1:25. FC: 1:25. FC: 1:25
Restrictions:	For Research Use only

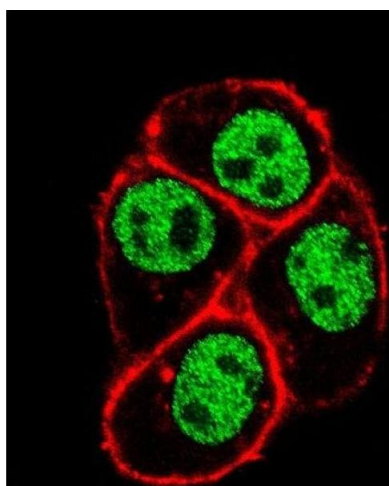
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



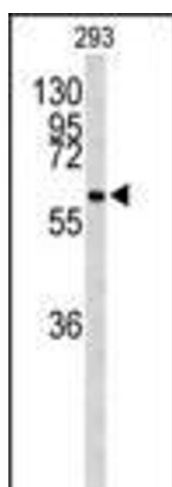
Flow Cytometry

Image 1. Overlay histogram showing U-2OS cells stained with C (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (C, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of CDC73 Antibody (Center) (ABIN653128 and ABIN2842707) 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).



Western Blotting

Image 3. Western blot analysis of CDC73 Antibody (Center) (ABIN653128 and ABIN2842707) in 293 cell line lysates (35 μ g/lane). CDC73 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN653128.