

Datasheet for ABIN651105
anti-CENPN antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	CENPN
Binding Specificity:	AA 311-339, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPN antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This CENPN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 311-339 amino acids from the C-terminal region of human CENPN.
Clone:	RB15002
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CENPN
Alternative Name:	CENPN (CENPN Products)

Target Details

Background: The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPN is an additional factor required for centromere assembly.

Molecular Weight: 39555

Gene ID: 55839

NCBI Accession: [NP_001094094](#), [NP_001094095](#), [NP_001257402](#), [NP_001257403](#), [NP_060925](#)

UniProt: [Q96H22](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

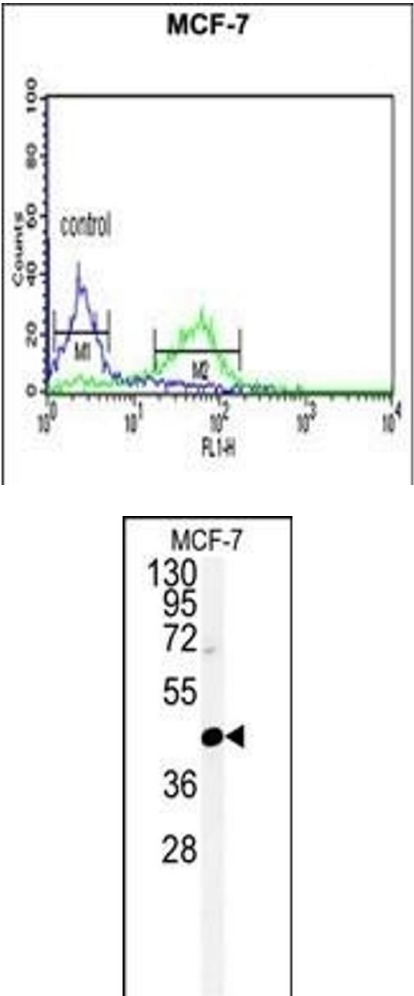
Preservative: Sodium azide

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. CENPN Antibody (C-term) (ABIN651105 and ABIN2840073) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of CENPN Antibody (C-term) (ABIN651105 and ABIN2840073) in MCF-7 cell line lysates (35 µg/lane).CENPN (arrow) was detected using the purified Pab.