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anti-NPM1 antibody (C-Term)





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Quantity:	400 μL
Target:	NPM1
Binding Specificity:	AA 198-226, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogon:	This NDM1 antibody is generated from robbits immunized with a KLLL conjugated synthetic

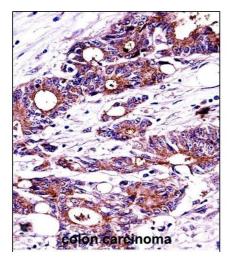
Immunogen:	This NPM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the C-terminal region of human NPM1.
Clone:	RB17470
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

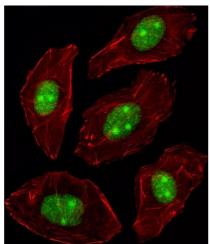
Target Details

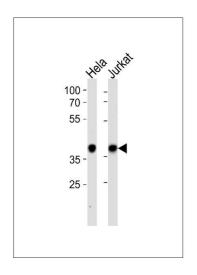
Target:	NPM1
Alternative Name:	NPM1 (NPM1 Products)

Target Details

Background:	NPM1 is a ubiquitously expressed nucleolar protein that shuttles between the nucleus and cytoplasm. It is implicated in multiple functions, including ribosomal protein assembly and transport, control of centrosome duplication, and regulation of the tumor suppressor ARF. NPM1 mutations that relocalize NPM1 from the nucleus into the cytoplasm are associated with development of acute myeloid leukemia.
Molecular Weight:	32575
Gene ID:	4869
NCBI Accession:	NP_001032827, NP_002511, NP_954654
UniProt:	P06748
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. 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 smal aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. N Antibody (C-term) ((ABIN389343 and ABIN2839452))immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of N Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Immunofluorescence

Image 2. Fluorescent image of A549 cell stained with N (C-term) (ABIN389343 Antibody and ABIN2839452)/SH090717BE. A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with N primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400,50 min at 37 °C). Cytoplasmic actin counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C).N immunoreactivity is localized to Nucleus and Nucleolus significantly.

Western Blotting

Image 3. N Antibody (C-term) (ABIN389343 and ABIN2839452) western blot analysis in Hela, Jurkat cell line lysates (35 μ g/lane). This demonstrates the N antibody detected the N protein (arrow).

Please check the product details page for more images. Overall 4 images are available for ABIN389343.