## **Nucleophosmin Ab**

Images(3)

Cat.#: AF6111 Mol.Wt.: 32kDa Concn.: ~1mg/ml Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat, Monkey

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLink<sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

A synthesized peptide derived from human Nucleophosmin, corresponding Immunogen:

to a region within the internal amino acids.

P06748 Uniprot:

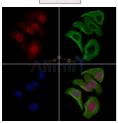
Description: a nucleolar protein associated with nucleolar ribonucleoprotein structures

> and that binds single-stranded nucleic acids. Is a major component of template activating factor (TAF)-III. It plays a role in controlling

centrosome duplication, and may function in the assembly and/or transport of the ribosome. Two alternatively spliced isoforms have been described.



Western blot analysis of extracts from VERO, using NPM Ab. Lane 1 was treated with the blocking peptide.



AF6111 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF6111 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,



overnight.

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