bs-4757R

[Primary Antibody]

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Nucleophosmin Rabbit pAb

DATASHEET

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 4869 SWISS: P06748

Target: Nucleophosmin

Immunogen: KLH conjugated synthetic peptide derived from human

Nucleophosmin: 21-120/259.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple

transcript variants.[provided by RefSeq, Nov 2009].

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:50-200)

Reactivity: Human, Mouse

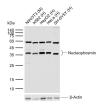
(predicted: Rat, Rabbit, Pig,

Cow, Dog, Horse)

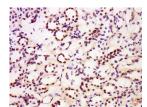
Predicted 33 kDa

Subcellular Nucleus Location:

VALIDATION IMAGES -



Sample: Lane 1: Mouse NIH/3T3 cell lysates Lane 2: Human K562 cell lysates Lane 3: Human HepG2 cell lysates Lane 4: Human HeLa cell lysates Lane 5: Human SH-SY5Y cell lysates Primary: Anti-Nucleophosmin (bs-4757R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kDa Observed band size: 37 kDa



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum.C-0005) at 37°C for 20 min: Incubation: Anti-NPM1 Polyclonal Antibody, Unconjugated(bs-4757R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SFI FCTFD CITATIONS —

• [IF=2.58] Jiang, Xiao-Hua, et al. "Effects of hepatitis C virus core protein and nonstructural protein 4B on the Wnt/βcatenin pathway." BMC microbiology 17.1 (2017): 124. WB; Human. 28545480