

Recombinant Anti-Nucleostemin Rabbit mAb

Catalog # AP95234

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q9BVP2
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	61993

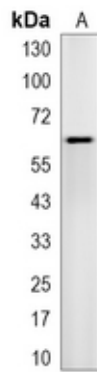
Additional Information

Gene ID	26354
Other Names	E2IG3; NS; Guanine nucleotide-binding protein-like 3; E2-induced gene 3 protein; Novel nucleolar protein 47; NNP47; Nucleolar GTP-binding protein 3; Nucleostemin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Nucleostemin protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

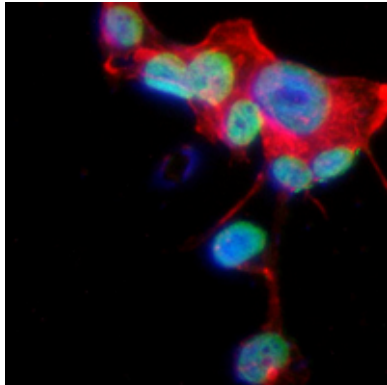
Protein Information

Name	GNL3
Synonyms	E2IG3, NS
Function	May be required to maintain the proliferative capacity of stem cells. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q811S9}. Nucleus, nucleolus. Note=Shuttles between the nucleus and nucleolus. {ECO:0000250 UniProtKB:Q811S9}
Tissue Location	Increased levels in lung tissue in cancer patients.

Images



Western blot analysis of Nucleostemin expression in HeLa (A) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 65 kD)



Immunofluorescent analysis of Nucleostemin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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