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Nucleostemin (GNL3) Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1405c

Product Information

Application	WB, E
Primary Accession	Q9BVP2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB13797
Calculated MW	61993
Antigen Region	191-220

Additional Information

Gene ID	26354
Other Names	Guanine nucleotide-binding protein-like 3, E2-induced gene 3 protein, Novel nucleolar protein 47, NNP47, Nucleolar GTP-binding protein 3, Nucleostemin, GNL3, E2IG3, NS
Target/Specificity	This Nucleostemin (GNL3) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-220 amino acids from the Central region of human Nucleostemin (GNL3).
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Nucleostemin (GNL3) Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

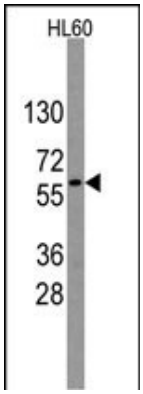
Name	GNL3
Synonyms	E2IG3, NS
Function	May be required to maintain the proliferative capacity of stem cells.

	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.

Background

GNL3 may be required to maintain the proliferative capacity of stem cells.

Images



Western blot analysis of anti-GNL3 Antibody (Center) (RB13797) in HL60 cell line lysates (35ug/lane). GNL3 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.