

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

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|--------------------|---|
| 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

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|----------|---|
| 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}

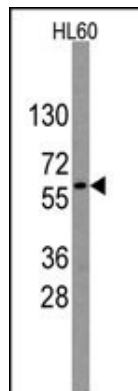
Tissue Location

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'.