

GNL3 Rabbit pAb

CatalogNo: YN0758

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein**Specificity** GNL3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name GNL3 E2IG3 NS

Protein Name Guanine nucleotide-binding protein-like 3 (E2-induced gene 3 protein) (Novel nucleolar protein 47) (NNP47) (Nucleolar GTP-binding protein 3) (Nucleostemin)

Organism	Gene ID	UniProt ID
Human	26354 ;	Q9BVP2 ;
Mouse		Q8CI11 ;
Rat		Q811S9 ;

Cellular Localization Nucleus . Nucleus, nucleolus . Shuttles between the nucleus and nucleolus .

Tissue specificity Increased levels in lung tissue in cancer patients.

Function Domain:In contrast to other GTP-binding proteins, this family is characterized by a circular permutation of the GTPase motifs described by a G4-G1-G3 pattern.,Domain:The basic domain (B) allows nucleolar localization in the absence of GTP. The intermediate domain (I) inhibits nucleolar localization by the B domain and is required for exit from the nucleolus. Exit from the nucleolus to the nucleoplasm requires both the I and the acidic (A) domains, and may be triggered by GTP hydrolysis.,Function:May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.,similarity:Belongs to the MMR1/HSR1 GTP-binding protein family.,subcellular location:Shuttles between the nucleus and nucleolus.,subunit:May interact with p53/TP53 via its basic domain.,tissue specificity:Increased levels in lung tissue in cancer patients.,

Validation Data

Contact information

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GNL3 Rabbit pAb

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