

GNL3 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21197a

Product Information

Application WB, IF, E
Primary Accession Q9BVP2
Reactivity Human
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Clone Names RB51601

Additional Information

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 GNL3 antibody is generated from a rabbit immunized with a KLH

conjugated synthetic peptide between 91-124 amino acids from the

N-terminal region of human GNL3.

Dilution WB~~1:2000 IF~~1:25 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

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 GNL3 Antibody (N-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

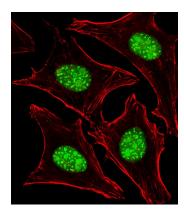
Background

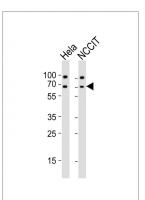
May be required to maintain the proliferative capacity of stem cells. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation (By similarity).

References

Charpentier A.H.,et al.Cancer Res. 60:5977-5983(2000). Han C.,et al.Int. J. Mol. Med. 16:205-213(2005). Ota T.,et al.Nat. Genet. 36:40-45(2004). Muzny D.M.,et al.Nature 440:1194-1198(2006). Andersen J.S.,et al.Curr. Biol. 12:1-11(2002).

Images





Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela (Human cervical epithelial adenocarcinoma cell line) cells labeling GNL3 with AP21197a at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing both nuclear staining on Hela cell line. Cytoplasmic actin is detected with Alexa Fluor® 555 conjugated with Phalloidin (OB16636430) at 1/100 dilution (red).

All lanes: Anti-GNL3 Antibody (N-term) at 1:2000 dilution Lane 1: Hela whole cell lysates Lane 2: NCCIT whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size: 62 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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