

GNL2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16458a

Product Information

Application	WB, E
Primary Accession	Q13823
Other Accession	NP_037417.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26214
Calculated MW	83655
Antigen Region	18-45

Additional Information

Gene ID	29889
Other Names	Nucleolar GTP-binding protein 2, Autoantigen NGP-1, GNL2, NGP1
Target/Specificity	This GNL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-45 amino acids from the N-terminal region of human GNL2.
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 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	GNL2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GNL2
Synonyms	NGP1
Function	GTPase that associates with pre-60S ribosomal subunits in the nucleolus

and is required for their nuclear export and maturation (PubMed:[32669547](#)). May promote cell proliferation possibly by increasing p53/TP53 protein levels, and consequently those of its downstream product CDKN1A/p21, and decreasing RPL23A protein levels (PubMed:[26203195](#)).

Cellular Location Nucleus, nucleolus

Tissue Location Widely expressed, with the highest expression level in testis.

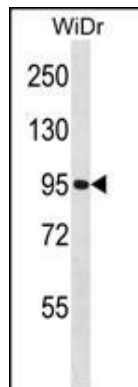
Background

GNL2 is a GTPase that associates with pre-60S ribosomal subunits in the nucleolus and is required for their nuclear export and maturation (By similarity).

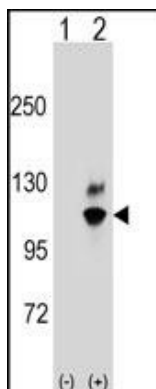
References

Olsen, J.V., et al. Cell 127(3):635-648(2006) Racevskis, J., et al. Cell Growth Differ. 7(2):271-280(1996)

Images



GNL2 Antibody (N-term) (Cat. #AP16458a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the GNL2 antibody detected the GNL2 protein (arrow).



Western blot analysis of GNL2 (arrow) using rabbit polyclonal GNL2 Antibody (N-term) (Cat. #AP16458a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GNL2 gene.

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