

NVL Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17219B

Specification

NVL Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O15381
Other Accession	NP_002524.2 , NP_996671.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	95051
Antigen Region	796-823

NVL Antibody (C-term) - Additional Information

Gene ID 4931

Other Names

Nuclear valosin-containing protein-like, NVLp, Nuclear VCP-like protein, NVL

Target/Specificity

This NVL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 796-823 amino acids from the C-terminal region of human NVL.

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

NVL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NVL Antibody (C-term) - Protein Information

Name NVL ([HGNC:8070](#))

Function Participates in the assembly of the telomerase holoenzyme and effecting of telomerase

activity via its interaction with TERT (PubMed:[22226966](#)). Involved in both early and late stages of the pre- rRNA processing pathways (PubMed:[26166824](#)). Spatiotemporally regulates 60S ribosomal subunit biogenesis in the nucleolus (PubMed:[15469983](#), PubMed:[16782053](#), PubMed:[26456651](#), PubMed:[29107693](#)). Catalyzes the release of specific assembly factors, such as WDR74, from pre-60S ribosomal particles through the ATPase activity (PubMed:[26456651](#), PubMed:[28416111](#), PubMed:[29107693](#)).

Cellular Location

[Isoform 2]: Nucleus, nucleoplasm

Tissue Location

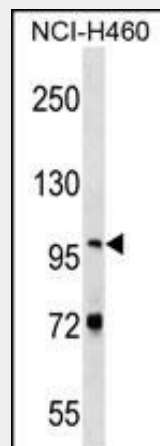
Widely expressed. Highest level of expression in heart, placenta, skeletal muscle, pancreas and retina

NVL Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NVL Antibody (C-term) - Images



NVL Antibody (C-term) (Cat. #AP17219b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the NVL antibody detected the NVL protein (arrow).

NVL Antibody (C-term) - References

- Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Nagahama, M., et al. Biochem. Biophys. Res. Commun. 346(3):1075-1082(2006)
Nagahama, M., et al. Mol. Biol. Cell 15(12):5712-5723(2004)
Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)