

NVL Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51405**Specification**

NVL Antibody - Product Information

Application	WB, E
Primary Accession	O15381
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95 KDa

NVL Antibody - Additional Information**Gene ID** 4931**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NVL. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

NVL Antibody - 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](http://www.uniprot.org/citations/22226966)). Involved in both early and late stages of the pre- rRNA processing pathways (PubMed: [26166824](http://www.uniprot.org/citations/26166824)). Spatiotemporally regulates 60S ribosomal subunit biogenesis in the nucleolus (PubMed: [15469983](http://www.uniprot.org/citations/15469983), PubMed: [16782053](http://www.uniprot.org/citations/16782053), PubMed: [26456651](http://www.uniprot.org/citations/26456651), PubMed: [29107693](http://www.uniprot.org/citations/29107693))

target="_blank">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 - 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 - Images**NVL Antibody - References**

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Scherl A.,et al.Mol. Biol. Cell 13:4100-4109(2002).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).