

NVL Polyclonal Antibody
Catalog # AP73230**Specification**

NVL Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O15381
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

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

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

NVL Polyclonal 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: [29107693](http://www.uniprot.org/citations/29107693), PubMed: [26456651](http://www.uniprot.org/citations/26456651)). Catalyzes the release of specific assembly factors, such as WDR74, from pre-60S ribosomal particles through the ATPase activity (PubMed: [29107693](http://www.uniprot.org/citations/29107693), PubMed: [26456651](http://www.uniprot.org/citations/26456651), PubMed: [28416111](http://www.uniprot.org/citations/28416111)).

Cellular Location

[Isoform 2]: Nucleus, nucleoplasm

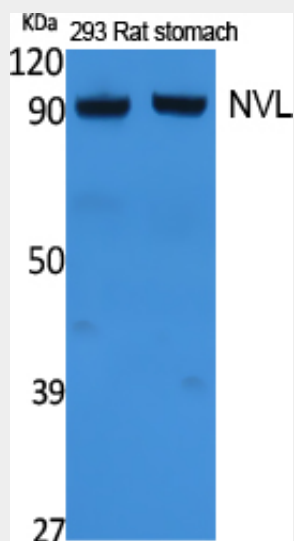
Tissue Location

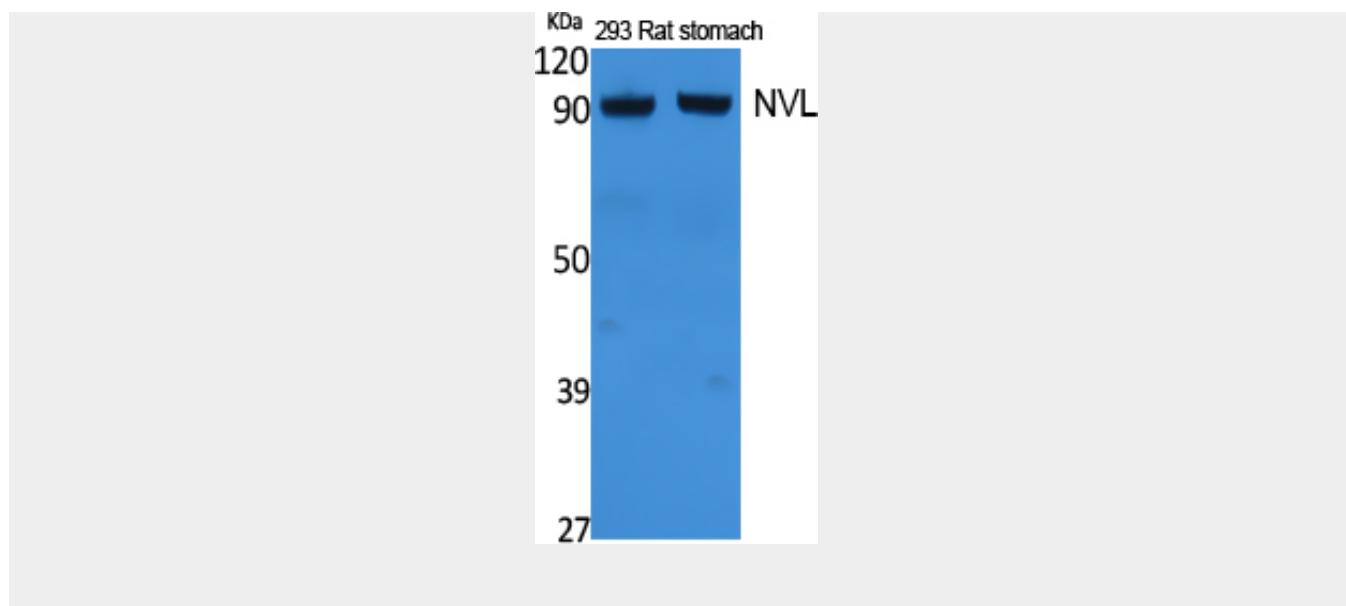
Widely expressed. Highest level of expression in heart, placenta, skeletal muscle, pancreas and retina

NVL Polyclonal 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 Polyclonal Antibody - Images



NVL Polyclonal Antibody - Background

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:29107693, PubMed:26456651). Catalyzes the release of specific assembly factors, such as WDR74, from pre-60S ribosomal particles through the ATPase activity (PubMed:29107693, PubMed:26456651, PubMed:28416111).