

# NVL Polyclonal Antibody

Catalog # AP73230

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O15381</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	95051

## Additional Information

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<b>Gene ID</b>	4931
<b>Other Names</b>	NVL; Nuclear valosin-containing protein-like; NVLp; Nuclear VCP-like protein
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	NVL ( <a href="#">HGNC:8070</a> )
<b>Function</b>	Participates in the assembly of the telomerase holoenzyme and effecting of telomerase activity via its interaction with TERT (PubMed: <a href="#">22226966</a> ). Involved in both early and late stages of the pre- rRNA processing pathways (PubMed: <a href="#">26166824</a> ). Spatiotemporally regulates 60S ribosomal subunit biogenesis in the nucleolus (PubMed: <a href="#">15469983</a> , PubMed: <a href="#">16782053</a> , PubMed: <a href="#">26456651</a> , PubMed: <a href="#">29107693</a> ). Catalyzes the release of specific assembly factors, such as WDR74, from pre-60S ribosomal particles through the ATPase activity (PubMed: <a href="#">26456651</a> , PubMed: <a href="#">28416111</a> , PubMed: <a href="#">29107693</a> ).
<b>Cellular Location</b>	[Isoform 2]: Nucleus, nucleoplasm
<b>Tissue Location</b>	Widely expressed. Highest level of expression in heart, placenta, skeletal muscle, pancreas and retina

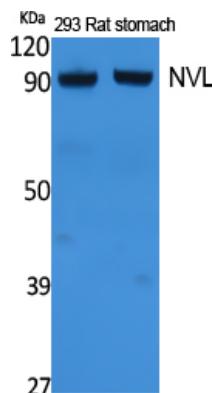
## Background

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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](#)).

## Images

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Western Blot analysis of extracts from rat stomach, 293 cells, using NVL Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

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