10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NVL Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17219b

Specification

NVL Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	O15381
Other Accession	NP_996671.1, NP_002524.2

NVL Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 4931

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NVL Antibody (C-term) Blocking Peptide - 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: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).

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) Blocking Peptide - Protocols

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

- Blocking Peptides

NVL Antibody (C-term) Blocking Peptide - Images

NVL Antibody (C-term) Blocking Peptide - 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)