

PNLDC1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11385b**Specification**

PNLDC1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O8NA58](#)
Other Accession [NP_775787.1](#)

PNLDC1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 154197

Other Names

Poly(A)-specific ribonuclease PARN-like domain-containing protein 1, PNLDC1

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.

PNLDC1 Antibody (C-term) Blocking peptide - Protein Information

Name PNLDC1 ([HGNC:21185](#))

Function

3'-exoribonuclease that has a preference for poly(A) tails of mRNAs, thereby efficiently degrading poly(A) tails (PubMed:[27515512](http://www.uniprot.org/citations/27515512)). Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs and is also used to silence certain maternal mRNAs translationally during oocyte maturation and early embryonic development (PubMed:[27515512](http://www.uniprot.org/citations/27515512)). May act as a regulator of multipotency in embryonic stem cells (By similarity). Is a critical factor for proper spermatogenesis, involved in pre-piRNAs processing to generate mature piRNAs (PubMed:[34347949](http://www.uniprot.org/citations/34347949)).

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein. Note=Localizes mainly in the endoplasmic reticulum (PubMed:27515512).

PNLDC1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PNLDC1 Antibody (C-term) Blocking peptide - Images

PNLDC1 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)Yoshida, T., et al. Int. J. Mol. Med. 24(4):539-547(2009)