

NCLN Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15314**Specification**

NCLN Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O969V3
Other Accession	NM_020170 , NP_064555
Reactivity	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

NCLN Antibody - C-terminal region - Additional Information**Gene ID** 56926

Alias Symbol	NET59
Other Names	
Nicalin, Nicastrin-like protein, NCLN	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-NCLN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NCLN Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NCLN Antibody - C-terminal region - Protein Information**Name** NCLN {ECO:0000303|PubMed:36261522, ECO:0000312|HGNC:HGNC:26923}**Function**

Component of the multi-pass translocon (MPT) complex that mediates insertion of multi-pass membrane proteins into the lipid bilayer of membranes (PubMed:[36261522](http://www.uniprot.org/citations/36261522), PubMed:[32820719](http://www.uniprot.org/citations/32820719)). The MPT complex takes over after the SEC61 complex: following membrane insertion of the first few transmembrane segments of proteins by the SEC61 complex, the MPT complex occludes the lateral gate of the SEC61 complex to promote insertion of subsequent transmembrane regions

(PubMed:36261522).
May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal patterning, via its interaction with NOMO (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

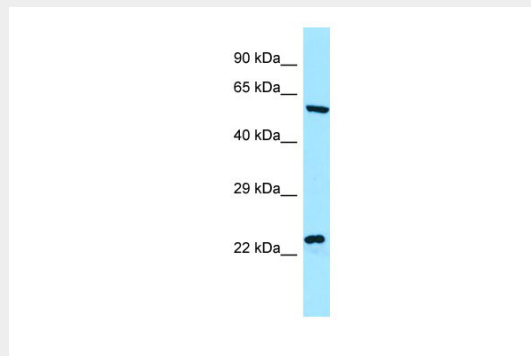
Tissue Location

Highly expressed in pancreas and skeletal muscle and, at lower levels, in heart.

NCLN Antibody - C-terminal region - 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](#)

NCLN Antibody - C-terminal region - Images

WB Suggested Anti-NCLN Antibody Titration: 1.0 µg/ml
Positive Control: ACHN Whole Cell

NCLN Antibody - C-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.