

**Nicalin Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54561****Specification****Nicalin Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q969V3</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62974

**Nicalin Polyclonal Antibody - Additional Information****Gene ID** 56926**Other Names**

Nicalin, Nicastrin-like protein, NCLN

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Nicalin Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/32820719" target="\_blank">32820719</a>, PubMed:<a href="http://www.uniprot.org/citations/36261522" target="\_blank">36261522</a>). 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:<a href="http://www.uniprot.org/citations/36261522" target="\_blank">36261522</a>). 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.

**Nicalin 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](#)

**Nicalin Polyclonal Antibody - Images**