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Nicalin Polyclonal Antibody
Catalog # AP71307

Specification

Nicalin Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q969V3
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Nicalin Polyclonal Antibody - Additional Information

Gene ID 56926

Other Names
NCLN; Nicalin; Nicastrin-like protein

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

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:32820719, PubMed:36261522). 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

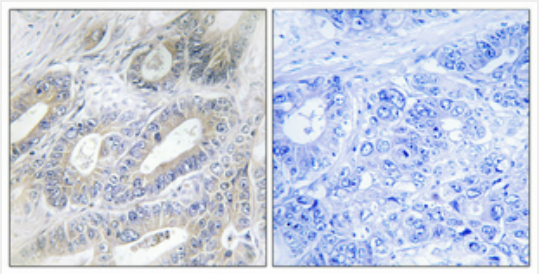
Tissue Location
Highly expressed in pancreas and skeletal muscle and, at lower levels, in heart.

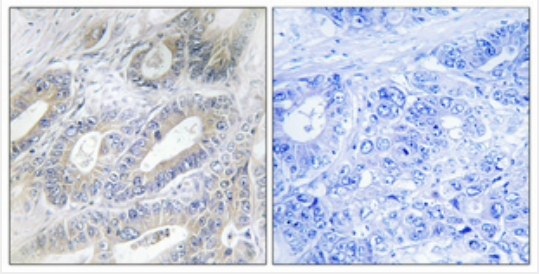
Nicalin Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Nicalin Polyclonal Antibody - Images





Nicalin Polyclonal Antibody - Background

May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal patterning.