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Nicalin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54561

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q969V3
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62974

Additional Information

Gene ID	56926
Other Names	Nicalin, Nicastrin-like protein, NCLN
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.