

Datasheet for ABIN1450143
anti-Nicalin antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	Nicalin (NCLN)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nicalin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid synthetic peptide near the carboxy terminus of Human NCLN
Isotype:	IgG
Specificity:	Multiple isoforms of NCLN are known to exist.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Nicalin (NCLN)
Alternative Name:	Nicalin (NCLN Products)

Target Details

Background:	<p>Nicalin, along with its binding partner Nomo, is a novel signaling antagonist to Nodals, signaling factors of the TGF-beta superfamily that play a key role in vertebrate development. Nicalin is distantly related to Nicastrin, a component of the Alzheimer's disease-associated gamma-secretase, and is thought to have a similar function. Another protein, TMEM147, has also been recently identified as associating with Nicalin and NOMO as part of the gamma-secretase-like complex.</p> <p>Synonyms: NCLN</p>
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Gene ID:	56926
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NCBI Accession:	NP_064555
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UniProt:	Q969V3
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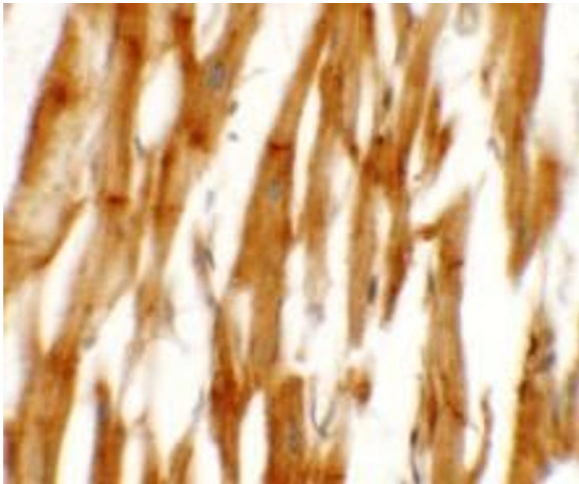
Application Details

Application Notes:	<p>Western blot: 1-2 µg/ml.</p> <p>Positive Control: Mouse heart tissue lysate.</p> <p>Immunofluorescence: Start at 2.5 µg/ml.</p> <p>Immunohistochemistry on Paraffin Sections: Start at 2.5 µg/ml.</p> <p>Optimal working dilution should be determined by the investigator.</p>
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Restrictions:	For Research Use only
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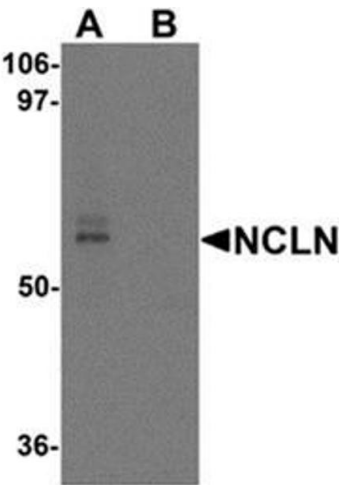
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of NCLN in human heart tissue with NCLN antibody at 2.5 ug/mL.



Western Blotting

Image 2. Western blot analysis of NCLN in mouse heart tissue lysate with NCLN antibody at 0.5 ug/mL in (A) the absence and (B) the presence of blocking peptide.