antibodies

# Datasheet for ABIN7215970 anti-N-Cadherin antibody (AA 690-770)

4 Images



Overview

Quantity:	100 µL
Target:	N-Cadherin (CDH2)
Binding Specificity:	AA 690-770
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

## Product Details

Purpose:	N-cadherin Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the C-terminal region of human N-cadherin at AA range: 690-770
Isotype:	lgG
Specificity:	N-cadherin Polyclonal Antibody detects endogenous levels of N-cadherin protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

## Target Details

Target:

N-Cadherin (CDH2)

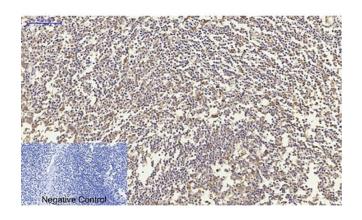
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Alternative Name:	N-cadherin (CDH2 Products)
Background:	Rabbit Anti-N-cadherin Polyclonal Antibody,CDH2, CDHN, NCAD, Cadherin-2, CDw325, Neural
	cadherin, N-cadherin, CD antigen CD325,CDH2 encodes a classical cadherin and member of the
	cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of
	which encodes a preproprotein is proteolytically processed to generate a calcium-dependent
	cell adhesion molecule and glycoprotein. Cadherin-2 plays a role in the establishment of left-
	right asymmetry, development of the nervous system and the formation of cartilage and
	bone.,Cadherin-2
Molecular Weight:	observerd band 140kDa
Gene ID:	1000
UniProt:	P19022
Pathways:	Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Synaptic Membrane
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested
	starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000),
	ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product,
	centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid

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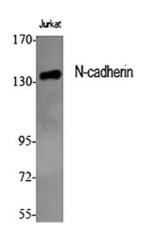
## repeated freezing and thawing.

## Images



### Immunohistochemistry

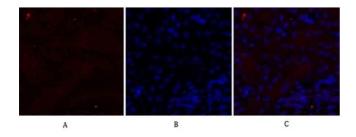
**Image 1.** Immunohistochemical analysis of paraffinembedded human tonsil tissue. 1, N-cadherin Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



(kD)

### **Western Blotting**

**Image 2.** Western Blot analysis of various cells using N-cadherin Polyclonal Antibody diluted at 1:1000.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of mouse kidney tissue. 1, N-cadherin Polyclonal Antibody (red) was diluted at 1:200 (4 °C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.

Please check the product details page for more images. Overall 4 images are available for ABIN7215970.

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