


## Product datasheet

# Anti-N Cadherin antibody ab76057

★★★★★ [20 Abreviews](#) [196 References](#) [1 Image](#)

### Overview

---

<b>Product name</b>	Anti-N Cadherin antibody
<b>Description</b>	Rabbit polyclonal to N Cadherin
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab76057 does not crossreact with E Cadherin.
<b>Tested applications</b>	<b>Suitable for:</b> IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Rat, Chicken, Chimpanzee 
<b>Immunogen</b>	Unphosphorylated synthetic peptide: ERPIHAEPQYPVRS , corresponding to amino acids 811-824 of Human N Cadherin (coupled to a carrier protein). This sequence is conserved in rat and mouse N cadherin, and has three amino acid differences from the conserved region in R Cadherin. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

**General notes**

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 50% Glycerol, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab76057 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		1/100.

## Target

### Function

Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density.

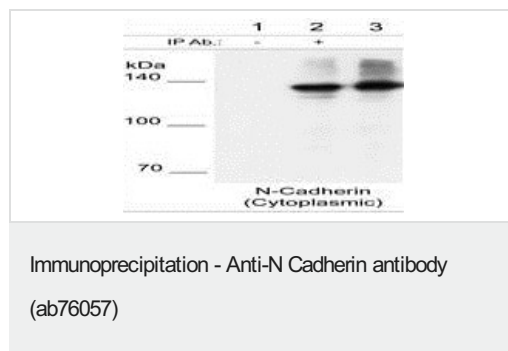
### Sequence similarities

Contains 5 cadherin domains.

### Cellular localization

Cell membrane.

## Images



Western blot image of mouse brain lysate immunoprecipitated with no antibody (lane 1), anti-N-Cadherin (CP1751) rabbit polyclonal antibody (lane 2), and whole mouse brain lysate (lane 3). The blot was probed with anti-N-cadherin (Cytoplasmic) mouse monoclonal antibody (lanes 1-3) and detected using anti-Mouse Ig Light Chain specific:HRP secondary antibody.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors