

Product datasheet

Anti-N Cadherin (phospho Y860) antibody ab119752

2 References 2 Images

Overview

Product name	Anti-N Cadherin (phospho Y860) antibody
Description	Rabbit polyclonal to N Cadherin (phospho Y860)
Host species	Rabbit
Specificity	Immunogen sequence is conserved in Human E Cadherin (Y835), P Cadherin (Y782), R Cadherin (Y870) and has significant homology to VE Cadherin (Y733).
Tested applications	Suitable for: WB, ICC
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human N Cadherin (phospho Y860).
Positive control	C2C12 and Human endothelial cells treated with pervanadate.
General notes	<p>Do not aliquot.</p> <p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.1% BSA
Purity	Protein A purified
Purification notes	ab119752 was cross-adsorbed to phospho-N-Cadherin (Tyr-820) and unphosphorylated N-cadherin (Tyr-860) peptides before affinity purification using phospho-N-cadherin (Tyr-860) peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab119752 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
WB		1/1000. Detects a band of approximately 120-130 kDa (predicted molecular weight: 99 kDa).
ICC		1/200.

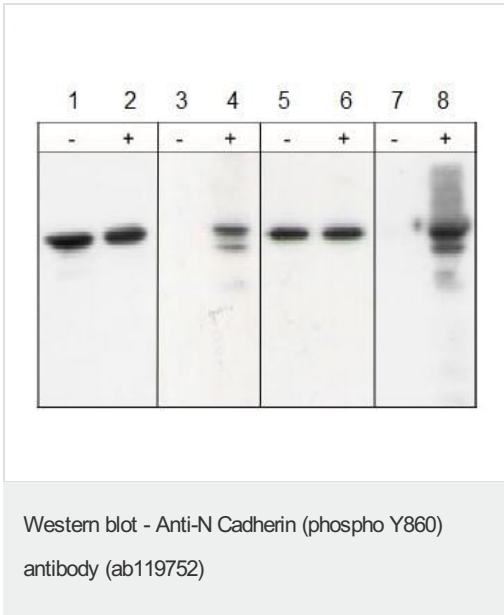
Target

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



ab119752 at 1/200 dilution staining N Cadherin (phospho Y860) in Mouse C2C12 cells, treated with pervanadate (right). The cells on the left were not treated with pervanadate prior to analysis. Detection used an appropriate secondary antibody conjugated to Cy3.



Lanes 1-2 : Anti-N Cadherin (Cytoplasmic) at 1/1000 dilution

Lanes 3-4 : Anti-N Cadherin (phospho Y820) at 1/1000 dilution

Lanes 5-6 : Anti-N Cadherin (a.a. 853-864) at 1/1000 dilution

Lanes 7-8 : Anti-N Cadherin (phospho Y860) antibody (ab119752) at 1/1000 dilution

Lanes 1 & 5 & 7 : Human endothelial cells, untreated

Lanes 2 & 4 & 8 : Human endothelial cells, treated with pervanadate (1 mM) for 30 min

Lane 3 : Human endothelial cells, untreated

Lane 6 : Human endothelial cells treated with pervanadate (1 mM) for 30 min

Predicted band size: 99 kDa

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

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