

Product datasheet

Anti-NEDL2 antibody ab92711

2 Images

Overview

<b>Product name</b>	Anti-NEDL2 antibody
<b>Description</b>	Rabbit polyclonal to NEDL2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide derived from an internal region of Human NEDL2.
<b>Positive control</b>	Extracts from HepG2 and LOVO cells. This antibody gave a positive result when used in the following formaldehyde fixed cell lines: A549

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab92711** 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		
ELISA		

Application	Abreviews	Notes
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ICC/IF

#### Application notes

ELISA: 1/10000.  
WB: 1/500 - 1/1000. Predicted molecular weight: 176 kDa.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

#### Target

#### Function

E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73.

#### Tissue specificity

Predominantly expressed in adult brain, lung and heart.

#### Pathway

Protein modification; protein ubiquitination.

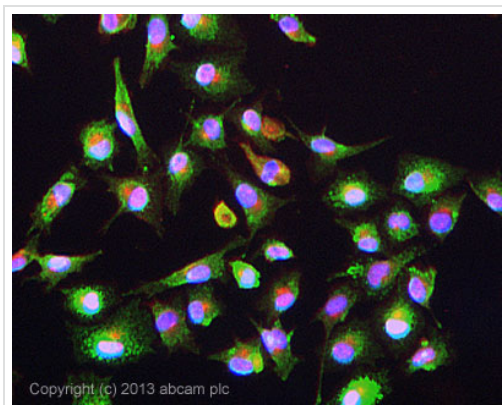
#### Sequence similarities

Contains 1 C2 domain.  
Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.  
Contains 2 WW domains.

#### Cellular localization

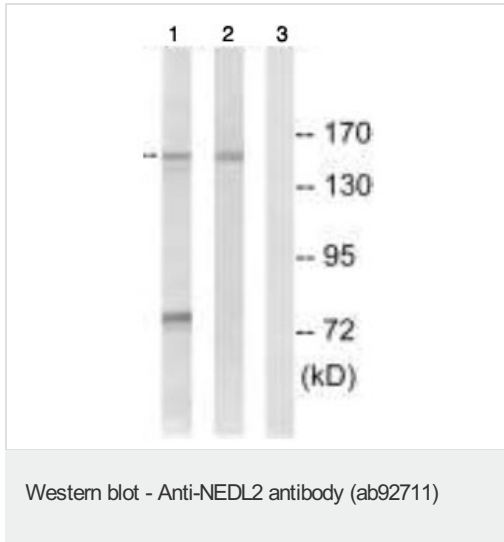
Cytoplasm.

#### Images



Immunocytochemistry/ Immunofluorescence - Anti-NEDL2 antibody (ab92711)

ICC/IF image of ab92711 stained A549 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab92711 at 1µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit ([ab96899](#)) IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



**All lanes :** Anti-NEDL2 antibody (ab92711) at 1/500 dilution

**Lane 1 :** HepG2 cell extracts

**Lane 2 :** LOVO cell extracts

**Lane 3 :** LOVO cell extracts with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 176 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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