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# NELL1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21518b

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q92832 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB49280 |
| **Calculated MW** | 89635 |

## Additional Information

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| **Gene ID** | 4745 |
| **Other Names** | Protein kinase C-binding protein NELL1, NEL-like protein 1, Nel-related protein 1, NELL1, NRP1 |
| **Target/Specificity** | This NELL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 696-728 amino acids from the C-terminal region of human NELL1. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | NELL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | NELL1 |
| **Synonyms** | NRP1 |
| **Function** | Plays a role in the control of cell growth and differentiation. Promotes osteoblast cell differentiation and terminal mineralization. |

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| **Cellular Location** | Cytoplasm. Nucleus envelope. Secreted {ECO:0000250\|UniProtKB:Q62919}. Note=Colocalizes with ATRAID on the nuclear envelope and the perinuclear region |

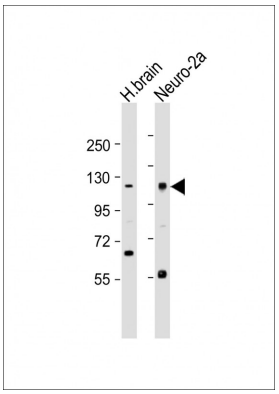
## Background

Plays a role in the control of cell growth and differentiation. Promotes osteoblast cell differentiation and terminal mineralization.

## References


Watanabe T.K.,et al.Genomics 38:273-276(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ting K.,et al.Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.


## Images




All lanes : Anti-NELL1 Antibody (C-term) at 1:2000 dilution Lane 1: human brain lysates Lane 2: Neuro-2a whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 90 kDa Blocking/Dilution buffer: 5% NFDM/TBST.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.