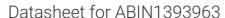
antibodies -online.com







anti-NELL2 antibody (AA 201-300) (Biotin)



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Quantity:	100 μL	
Target:	NELL2	
Binding Specificity:	AA 201-300	
Reactivity:	Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NELL2 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NELL2/NRP2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	NELL2	
Alternative Name:	NELL2/NRP2 (NELL2 Products)	

Target Details

Background:

Synonyms: A330108N19Rik, Mel91, MEL91 protein, NEL like 2 chicken, NEL-like protein 2, Nel-related protein 2, NELL2, NELL2_HUMAN, NRP2, Protein kinase C-binding protein NELL2, R75516.

Background: NELL2 is a secreted glycoprotein with one N-terminal TSP-like domain, five VWFC (von Willebrand factor C) domains and six EGF-like repeats that participate in calcium binding. NELL2 exists as a homotrimer associated with the endoplasmic reticulum (ER) and is specifically expressed in neurons playing a role in calcium-dependent intracellular events. NELL2 may act as a trophic factor in addition to its role as a signaling molecule implicated in the regulation of cell growth and differentiation. Due to alternative splicing, an additional NELL2 isoform exists that is identical to full length NELL2 except that it lacks the signal peptide that directs secretion. The additional isoform is therefore retained in the cytosol and functions as a non-secreted cytoplasmic protein that interacts with PKC bl.

Application Details

Application	Ν	lotes:
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WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months