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NELL2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12704

Product Information

Application	WB
Primary Accession	Q99435
Other Accession	NM_006159, NP_006150
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91346

Additional Information

Gene ID	4753
Alias Symbol	NRP2
Other Names	Protein kinase C-binding protein NELL2, NEL-like protein 2, Nel-related protein 2, NELL2, NRP2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-NELL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NELL2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

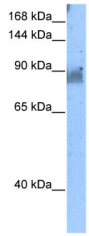
Name	NELL2 (HGNC:7751)
Synonyms	NRP2
Function	Plays multiple roles in neural tissues, regulates neuronal proliferation, survival, differentiation, polarization, as well as axon guidance and synaptic functions. Plays an important role in axon development during neuronal differentiation through the MAPK intracellular signaling pathway (By similarity). Via binding to its receptor ROBO3, plays a role in axon guidance, functioning as a repulsive axon guidance cue that contributes to commissural axon guidance to the midline (PubMed:32198364). Required for neuron survival through the modulation of MAPK signaling pathways too. Involved in

	the regulation of hypothalamic GNRH secretion and the control of puberty (By similarity).
Cellular Location	Secreted {ECO:0000250|UniProtKB:Q62918}.

References

Lim,J.,(2006)Cell125(4),801-814ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-NELL2 Antibody Titration: 5.0µg/ml
Positive Control: Transfected 293T

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