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NDNF Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15674

Product Information

Application	WB
Primary Accession	Q8TB73
Other Accession	NM_024574, NP_078850
Reactivity	Human, Zebrafish, Pig
Predicted	Human, Zebrafish, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64673

Additional Information

Gene ID	79625
Alias Symbol	C4orf31
Other Names	Protein NDNF, Neuron-derived neurotrophic factor, NDNF, C4orf31
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NDNF 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	NDNF Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

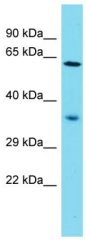
Name	NDNF
Synonyms	C4orf31
Function	Secretory protein that plays a role in various cellular processes (PubMed:20969804, PubMed:24706764, PubMed:31883645). Acts as a chemorepellent acting on gonadotropin-releasing hormone (GnRH) expressing neurons regulating their migration to the hypothalamus (PubMed:31883645). Also promotes neuron migration, growth and survival as well as neurite outgrowth and is involved in the development of the olfactory system (PubMed:20969804, PubMed:31883645). May also act through the regulation of growth factors activity and downstream signaling (PubMed:31883645). Also regulates extracellular matrix assembly and cell

	adhesiveness (By similarity). Promotes endothelial cell survival, vessel formation and plays an important role in the process of revascularization through NOS3-dependent mechanisms (PubMed:24706764).
Cellular Location	Secreted
Tissue Location	Expressed in neurons along the gonadotropin- releasing hormone (GnRH) expressing neurons migratory route

References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Kuang X.L.,et al.BMC Neurosci. 11:137-137(2010).

Images



Host: Rabbit
Target Name: NDNF
Sample Tissue: Jurkat Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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