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# NDNF Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15674

## Product Information

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| **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

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| **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

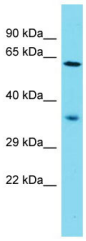
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| **Name** | NDNF |
| **Synonyms** | C4orf31 |
| **Function** | Secretory protein that plays a role in various cellular processes (PubMed:20969804, PubMed:24706764, PubMed:31883645). Acts as a chemorepellent acting on gonadotropin-releasing hormone (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 |

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| | 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
s
Antibody Dilution: 1.0µg/ml


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