

C4orf31 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5812a**Specification**

C4orf31 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q8TB73](#)
Other Accession [NP_078850.3](#)

C4orf31 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 79625

Other Names

Protein NDNF, Neuron-derived neurotrophic factor, NDNF, C4orf31

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

C4orf31 Antibody (N-term) Blocking peptide - 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

C4orf31 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

C4orf31 Antibody (N-term) Blocking peptide - Images**C4orf31 Antibody (N-term) Blocking peptide - Background**

Promotes matrix assembly and cell adhesiveness (By similarity).

C4orf31 Antibody (N-term) Blocking peptide - References

Uttie, G.E., et al. Genet. Couns. 17(2):205-209(2006)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)