



## Netrin-4 (NTN4)

## Data Sheet

**Catalog Number:** RA21023

**Host:** Rabbit

**Product Type:** Rabbit Polyclonal IgG

**Species Reactivity:** Human, Mouse, and Rat

**Immunogen Sequence:** Synthetic peptide

**Format:** Lyophilized powder.

**Applications:**  
Immunohistochemistry: 5-10 ug/ml  
Immunofluorescence: 5-15 ug/ml  
Western Blot: 1 ug/ml

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

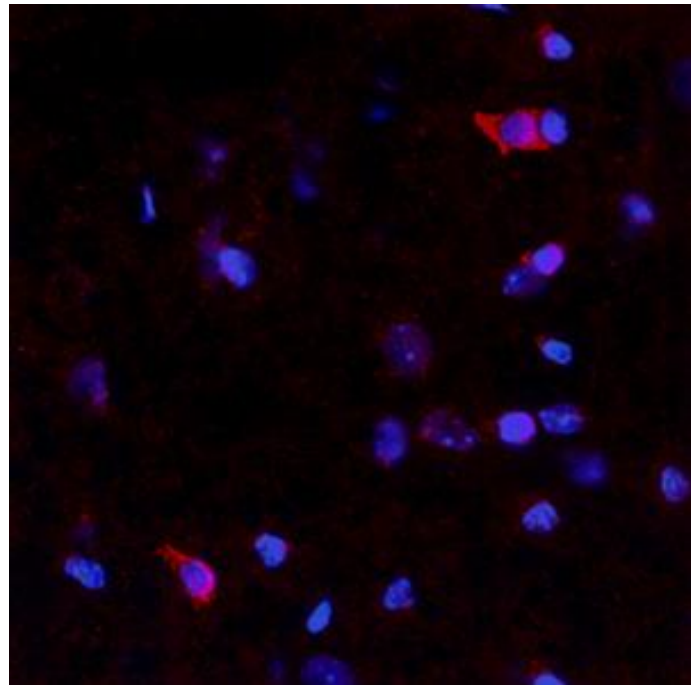
**Storage:** The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

### Application Notes

#### Description/Data:

NTN4 contains 3 laminin EGF-like domains, 1 laminin N-terminal domain and 1 NTR domain. NTN4 may play an important role in neural, kidney and vascular development. It promotes neurite elongation from olfactory bulb explants. NTN4 belongs to a family of proteins related to laminins. NTN4 gene is overexpressed in breast carcinomas.

*Images: Immunohistochemical detection of Netrin-4 in rat brain. Rat brain was fixed with 4% formaldehyde and cut into 10 µm thick cryostat sections. Tissue was incubated with rabbit polyclonal antibody to Netrin-4 at 8 µg/mL overnight at 4°C followed by incubation with Donkey anti-rabbit Rhodamine Red conjugated secondary antibodies at 1:200. Cell nuclei were counterstained with DAPI (blue).*



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Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail: [pshuster@neuromics.com](mailto:pshuster@neuromics.com)