

Mouse Dcc Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19225b**Specification**

Mouse Dcc Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P70211](#)**Mouse Dcc Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 13176**Other Names**

Netrin receptor DCC, Tumor suppressor protein DCC, Dcc

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.

Mouse Dcc Antibody (C-term) Blocking Peptide - Protein Information**Name** Dcc**Function**

Receptor for netrin required for axon guidance. Mediates axon attraction of neuronal growth cones in the developing nervous system upon ligand binding. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Implicated as a tumor suppressor gene.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

In the embryo, expressed at high levels in the developing brain and neural tube. In the embryo, expressed in developing neurons of the telencephalic cortical plate and in developing brainstem nuclei (PubMed:28250456). In adult, highly expressed in brain with very low levels found in testis, heart and thymus. Isoform C is expressed only in the embryo

Mouse Dcc Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Dcc Antibody (C-term) Blocking Peptide - Images

Mouse Dcc Antibody (C-term) Blocking Peptide - Background

Receptor for netrin required for axon guidance. Mediates axon attraction of neuronal growth cones in the developing nervous system upon ligand binding. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Implicated as a tumor suppressor gene.