



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Netrin 1 Blocking Peptide

### BACKGROUND

Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. It also serves as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in colorectal tumorigenesis by regulating apoptosis.

Netrin 1's main receptor is DCC (deleted in colorectal cancer- a putative tumor suppressor gene whose expression is lost in numerous cancers). DCC belongs to the so-called family of dependence receptors. These receptors induce apoptosis when their ligand is absent, thus conferring a state of cellular dependence on Netrin 1 availability. The DCC/netrin-1 duo regulates neuron survival during nervous system development. The mechanism(s) by which Netrin 1/ DCC triggers cell death are still unknown. The localization of DCC to lipid rafts appears to be a prerequisite for its proapoptotic activity.

### ORDERING INFORMATION

**CATALOG NUMBER**

X1868b

**SIZE**

50  $\mu$ g

**CUSTOMER STORAGE**

Product should be stored at -20°C.  
Aliquot to avoid freeze/thaw cycles

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STABILITY**

Products are stable for one year from purchase when stored properly

### COMMENTS

Blocking peptide for use with Netrin 1 antibodies (Cat. Nos. X1870P & X1873P)

### INSTRUCTIONS

Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37 deg C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10  $\mu$ l or 10  $\mu$ g of Exalpha's rabbit anti-Netrin 1 (Cat. No. X1870P or X1873P) is added to 10  $\mu$ g of blocking peptide for a total volume of 20  $\mu$ l. The mixture is allowed to incubate for 20 minutes at 37 deg C prior to dilution in suitable buffer (for Western blot, etc.).