Bioworld Technology CO., Ltd.

Contactin-2 Peptide

Cat No.: BS5672P

Background

Contactin 2 (CNTN2, transiently-expressed axonal glycoprotein, AXT, TAX, TAX1, TAG-1, axonin 1) is a neuronal cell adhesion molecule (CAM) that influences the formation of axon connections in the developing nervous system. Contactin 2 is a member of the immunoglobulin superfamily (IgSF) and contains a glycosylphosphatidylinositol-anchor, six immunogobulin (Ig)-like and four Fibronectin type III (FNIII)-like domains. Contactin 2 is expressed predominantly during neural development on the cell membrane of axons in nerve fiber tracts in order to guide commissural axons without promoting their growth. Contactin 2 binds with NgCAM in the plane of the same membrane (cis-binding). The Contactin 2 heterophilic (Contactin 2/NgCAM and Contactin 2/NrCAM) binding sites are localized to the first four Ig domains. The Contactin 2 homophilic (Contactin 2/Contactin 2) binding site is localized to the FNIII domain.

Swiss-Prot

Q02246

Applications

Blocking

Specificity

This peptide can be used with studies using BS5672 Contactin-2 pAb.

Purification & Purity

Synthetic peptide Contactin-2. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park,MN 55416,USA. **Email: info@bioworlde.com**
Tel: 6123263284 **Fax: 6122933841**

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046, P, R.China. **Email: info@biogot.com**
Tel: +86-025-68037686 **Fax:+86-025-68035151**