

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Neuroglycan C (W248) Peptide

Cat No.: BS3833P

Background

Neuroglycan C is a transmembrane chondroitin sulfate proteoglycan that is exclusively expressed in the central nervous system. NGC gene expression is developmentally regulated being altered by addiction to psychostimulants and by nerve lesion. Its core protein has a particular multidomain structure differing from those of other known proteoglycans, and this protein is modified post-translationally in various ways such as phosphorylation and glycosylation. Neuroglycan C is a novel part-time proteoglycan that changes its structure from a proteoglycan form to a non-proteoglycan form without chondroitin sulfate chains during the development of the cerebellum and retina. Evidence suggests that Neuroglycan C is involved in neuronal circuit formation in the central nervous system.

Swiss-Prot

O95196

Applications

Blocking

Specificity

This peptide can be used with studies using BS3833 Neuroglycan C (W248) pAb.

Purification & Purity

Synthetic peptide Neuroglycan C (W248). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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