

Neuroglycan C (W248) polyclonal antibody

Catalog: BS3833

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

O95196

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

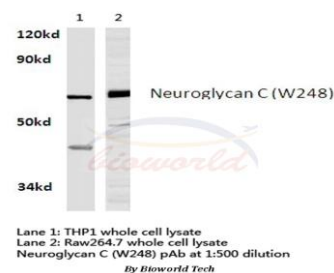
Storage&Stability:

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

Specificity:

Neuroglycan C (W248) polyclonal antibody detects endogenous levels of Neuroglycan C protein.

DATA:



Western blot (WB) analysis of Neuroglycan C (W248) polyclonal antibody in extracts from THP1 and raw264.7 cells.

Note:

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

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