Bioworld Technology CO., Ltd.

Nogo A (E499) Peptide

Cat No.: BS2888P

Background

CNS white matter is selectively inhibitory for axonal out-growth. Nogo (also designated NI250 and Reticulon 4-A) is an oligodendrocyte-specific member of the Reticulon family and is a component of CNS white matter that inhibits axon out-growth, induces collapse of growth cones of chick dorsal root ganglion cells, and inhibits the spreading of 3T3 fibroblasts. Other members of the Reticulon protein family do not inhibit axon xtension and are thought to have a role in ER function. Nogo is expressed by oligodendrocytes but not by Schwann cells, and associates primarily with the endoplasmic reticulum. Nogo exists in three different splice forms, Nogo A, Nogo B and Nogo C.Nogo A and Nogo C have a molecular mass of 200-250 kDa and 22 kDa,
respectively.

Swiss-Prot

Q9NQC3

Applications

Blocking

Specificity

This peptide can be used with studies using BS2888 Nogo A (E499) pAb.

Purification & Purity

Synthetic peptide Nogo A (E499). (Note: the amino acid se-quence 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.

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