

NrCAM polyclonal antibody

Catalog: BS90967

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cell adhesion protein that is required for normal responses to cell-cell contacts in brain and in the peripheral nervous system. Plays a role in neurite outgrowth in response to contactin binding. Plays a role in mediating cell-cell contacts between Schwann cells and axons. Plays a role in the formation and maintenance of the nodes of Ranvier on myelinated axons. Nodes of Ranvier contain clustered sodium channels that are crucial for the saltatory propagation of action potentials along myelinated axons. During development, nodes of Ranvier are formed by the fusion of two heminodes. Required for normal clustering of sodium channels at heminodes; not required for the formation of mature nodes with normal sodium channel clusters. Required, together with GLDN, for maintaining NFASC and sodium channel clusters at mature nodes of Ranvier.

Product:

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

Molecular Weight:

144 kDa

Swiss-Prot:

Q92823(Human) Q810U4(Mouse) P97686(Rat)

Purification&Purity:

Protein affinity purified.

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

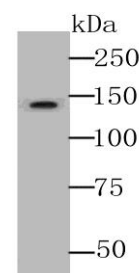
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

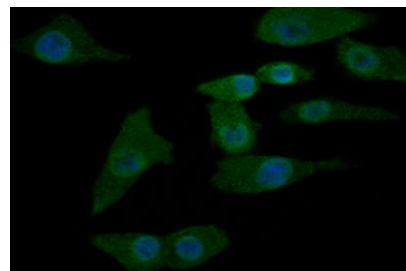
Specificity:

NrCAM polyclonal antibody detects endogenous levels of NrCAM protein.

DATA:



Western blot analysis of NRCAM on SH-SY5Y cell lysate using anti-NRCAM antibody at 1/1,000 dilution.



ICC staining NRCAM in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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