

Product Name: NRCAM (13T10) Rabbit Monoclonal Antibody
Catalog #: AMRe14888



Summary

| | |
|------------------------|--|
| Production Name | NRCAM (13T10) Rabbit Monoclonal Antibody |
| Description | Rabbit Monoclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Purification | Affinity purification |

Immunogen

| | |
|--------------------------|--|
| Gene Name | NRCAM |
| Alternative Names | Bravo; hBravo; Neuronal cell adhesion molecule; Ng CAM related; NgCAM related cell adhesion molecule; Nr CAM; Nrcam; |
| Gene ID | 4897.0 |
| SwissProt ID | Q92823. |

Application

| | |
|-------------------------|------------------|
| Dilution Ratio | WB 1:1000~1:5000 |
| Molecular Weight | 144kDa |

Product Name: NRCAM (13T10) Rabbit Monoclonal Antibody
Catalog #: AMRe14888

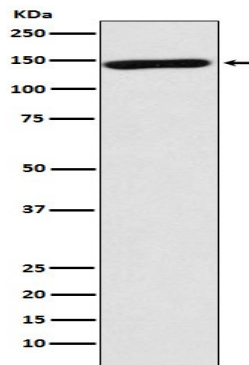


Background

Cell adhesion, ankyrin-binding protein involved in neuron-neuron adhesion. May play a role in the molecular assembly of the nodes of Ranvier. 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.

Research Area

Image Data



Western blot analysis of NRCAM expression in human forebrain lysate.

Note

For research use only.