

## NRCAM antibody

### Product Information

Catalog No.:	FNab05852
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	neuronal cell adhesion molecule
Synonyms:	Neuronal cell adhesion molecule (Nr-CAM) Neuronal surface protein Bravo (hBravo) NgCAM-related cell adhesion molecule (Ng-CAM-related) NRCAM KIAA0343
Observed MW:	130-136 kDa
Uniprot ID :	Q92823

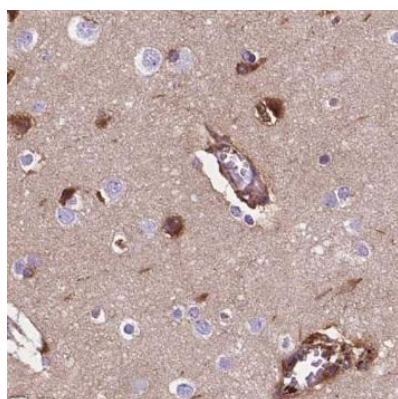
### Application

Reactivity: Human, Mouse, Rat

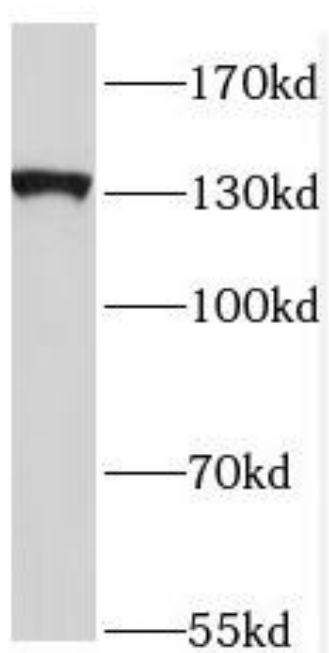
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab05852(NRCAM antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab05852(NRCAM antibody) at dilution of 1:500