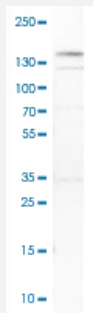


NRCAM polyclonal antibody

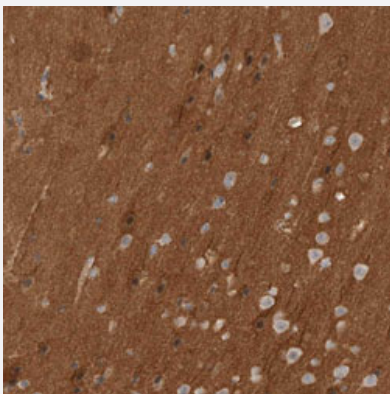
Catalog # PAB31432 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A-549 cell lysate with NRCAM polyclonal antibody (Cat # PAB31432).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with NRCAM polyclonal antibody (Cat # PAB31432) shows distinct positivity in neuropil.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human NRCAM.
Immunogen	Recombinant protein corresponding to human NRCAM.
Sequence	REDYICYARFNHTQTIQQKQPISVKVISVDELNDTIAANLSDTEFYGAKSSRERPPTFLTPEGNASNK EELRGNVLSLECIAEGLPTPIYWAKEDGMLPKNRTVYKNFEKTLQIIHVSEADSGNYQC
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of A-549 cell lysate with NRCAM polyclonal antibody (Cat # PAB31432).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with NRCAM polyclonal antibody (Cat # PAB31432) shows distinct positivity in neuropil.

Gene Info — NRCAM

Entrez GeneID	4897
Protein Accession#	Q92823
Gene Name	NRCAM
Gene Alias	KIAA0343, MGC138845, MGC138846
Gene Description	neuronal cell adhesion molecule
Omim ID	601581
Gene Ontology	Hyperlink

Gene Summary

Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. This gene is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

NgCAM-related cell adhesion molecule|NrCAM|bravo

Publication Reference

- [Differential expression of neural markers in KIT and PDGFRA wild-type gastrointestinal stromal tumours.](#)

Pantaleo MA, Astolfi A, Nannini M, Ceccarelli C, Formica S, Santini D, Heinrich MC, Corless C, Dei Tos AP, Paterini P, Catena F, Maleddu A, Saponara M, Di Battista M, Biasco G.

Histopathology 2011 Dec; 59(6):1071.

Application: IHC-P, Human, Human gastrointestinal stromal tumours

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Learning](#)
- [Learning Disorders](#)
- [Mental Disorders](#)
- [NARP](#)

- [Obsessive-Compulsive Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)