

DNAxPAb

Hard-to-Find
Antibody

NRCAM DNAxPab

Catalog # H00004897-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NRCAM DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQLKIMPKKKRLSAGRVPLILFLCQMISALEVPLDLVQPPTITQQSPKDYIIDPRENVIQCEAKGKPP PSFSWTRNGTHFDIDKDPLVTMKPGTGTLIINIMSEGKAETYESGVYQCTARNERGAAVSNNIVRPS RSLPLWTKLEKLEPITLQSGQSLVLP CRPPIGLPPPIIFWMDNSFQRLPQSERVSQGLNGDLYFSNVL PEDTREDYICYARFNHTQTIQQKQPISVKVISVDELNDTIAANLSDTEFYGAKSSRERPPTFLTPEGN ASNKEELRGNVLSLECIAEGLPTPIYWAKEDGMLPKNRTVYKNFEKTLQIIHVSEADSGNYQCIKN ALGAIHHTISVRVKAAPYWITAPQNLVLSPGEDGTLICRANGNPKPRISWL TNGVPIEAPDDPSRKI DGD TIIFS NVQERSSAVYQCNASNEYGYLLANAFVNVLAEP PRILTPANTLYQVIANRPALLDCAFF GSPLPTIEWFKGAKGSALHEDIYVLHENG TLEIPVAQKDSTGTYTCVARNKLGMAKNEVHLEIKDA TWVKQPEYAVVQRGSMVSFECKVKHDHTLSLTVLWLKDNRELPSDERFTVDKDHLLVVADVSD DDSGTYTCVANTLDSVSASAVLSVVDVPNPPFDLELTDQLDKSVQLSWTPGDDNNSPITKFIIIEY EDAMHKPGLWHHQTEVSGTQTTAQLKLSPYVNY SFRVMAVNSIGKSLPSEASEQYLTKASEPDK NP TAVEGLGSEPDNLVITWKPLNGFESNGPGLQTSTASF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NRCAM

Entrez GeneID [4897](#)

GeneBank Accession# [BC098401.1](#)

Protein Accession# [AAH98401.1](#)

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

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](#)