

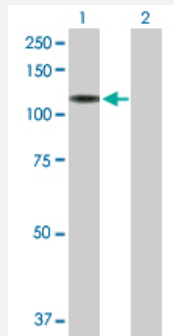
MaxPab®

NRCAM purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004897-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NRCAM expression in transfected 293T cell line ([H00004897-T02](#)) by NRCAM MaxPab polyclonal antibody.

Lane 1: NRCAM transfected lysate(85.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NRCAM protein.

Immunogen

NRCAM (AAH98401.1, 1 a.a. ~ 771 a.a) full-length human protein.

Sequence

MQLKIMPKKKRLSAGRVPLILFLCQMISALEVPLDLVQPPTITQQSPKDYIIDPRENVIQCEAKGKPP
 PSFSWTRNGTHFDIDKDPLVTMKPGTGTLIINIMSEGKAETYESVYQCTARNERGA AVSNNIVVRPS
 RSP LWTKEKLEPITLQSGQSLVLP CRPP IGLPPP IIFWMDNSFQRLPQS ERVSQGLNGDLYFSNVL
 PEDTREDYICYARFNHTQTIQQKQPISVKVISVDELNDTIAANLSDTEFYGAKSSRERPPFTLTPEGN
 ASNKEELRGNVLSLECIAEGLPTPIYWAKEDGMLPKNRTVYKNFEKTLQIIHVSEADSGNYQCIKN
 ALGAIHTISVRVKAAPYWITAPQNLVLSPGEDGTLCRANGNPKPRISWL TNGVPIE IAPDDPSRKI
 DGD TII FSNVQERSSAVYQCNASNEYGYLLANAFVNVLAEP RILTPANTLYQVIANRPALLDCAFF
 GSPLPTIEWFKGAKGSALHEDIYVLHENG TLEIPVAQKDSTGT YTCVARNKLGMAKNEVHLEIKDA
 TWVKQPEYAVVQRGSMVSFECKVKHDHTLSLTVLWLKDNRELPSDERFTVDKDHLVVADVSD
 DDSGT YTCVANTTLD SVSASAVLSVVDVPNPPFDLELTDQLDKSVQLSWTPGDDNNSPITKFII EY
 EDAMHKPGLWHHQTEVSGTQT TAAQLKLSPYVNYSFVRVMAVNSIGKSLPSEASEQYLTKASEPDK
 NPTAVEGLGSEPDNLVITWKPLNGFESNGPGLQTSTASF

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (91); Rat (90)
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.

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[Protocol Download](#)

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]
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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](#)