

Datasheet for ABIN634961

anti-NrCAM antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NrCAM (NRCAM)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NrCAM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NRCAM antibody was raised using the N terminal of NRCAM corresponding to a region with amino acids PLILFLCQMISALEVPLDLVQPPTITQQSPKDYIIDPRENIVIQCEAKGK
Specificity:	NRCAM antibody was raised against the N terminal of NRCAM
Purification:	Affinity purified

Target Details

Target:	NrCAM (NRCAM)
Alternative Name:	NRCAM
Background:	Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. NRCAM is 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

Target Details

and promotes directional signaling during axonal cone growth. NRCAM may also 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 its gene have been associated with autism and addiction vulnerability.

Molecular Weight: 84 kDa (MW of target protein)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: WB: 0.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NRCAM Blocking Peptide, (ABIN5615061), is also available for use as a blocking control in assays to test for specificity of this NRCAM antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NRCAM antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. NRCAM antibody used at 0.5 ug/ml to detect target protein.