

Datasheet for ABIN2463988

anti-NrCAM antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NRCAM.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	NrCAM (NRCAM)
Alternative Name:	NRCAM (NRCAM Products)
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 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

Target Details

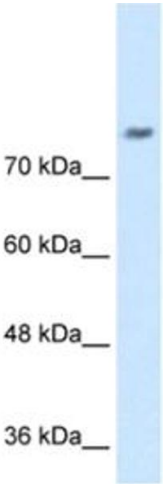
	cytoskeleton during directional cell migration. Allelic variants of its gene have been associated with autism and addiction vulnerability.
Molecular Weight:	84 kDa, 144 kDa, 131 kDa
Gene ID:	4897
UniProt:	Q4KMQ7
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	NRCAM antibody can be used for detection of NRCAM by ELISA at 1:62500. NRCAM antibody can be used for detection of NRCAM by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store NRCAM antibody at -20 °C.



Western Blotting

Image 1.