

## Product datasheet for **TA336014**

### NrCAM Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-NRCAM Antibody: synthetic peptide directed towards the N terminal of human NRCAM. Synthetic peptide located within the following region: PLILFLCQMISALEVPLDLVQPPTITQQSPKDYIIDPRENIVIQCEAKGK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84 kDa
Gene Name:	neuronal cell adhesion molecule
Database Link:	<a href="#">NP_001032209</a> <a href="#">Entrez Gene 4897 Human</a> <a href="#">Q92823</a>



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**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 cytoskeleton during directional cell migration. Allelic variants of its gene have been associated with autism and addiction vulnerability.

**Synonyms:** KIAA0343; MGC138845; MGC138846

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%; Rabbit: 93%

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cell adhesion molecules (CAMs)

### Product images:



WB Suggested Anti-NRCAM Antibody Titration:  
0.2-1 ug/ml; Positive Control: Jurkat cell lysate