

OriGene Technologies, Inc.

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Product datasheet for TA336014

NrCAM Rabbit Polyclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| lsotype: | 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. Note that this product is shipped as lyophilized powder to China customers. |
| 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: | <u>NP_001032209</u> <u>Entrez Gene 4897 Human</u> <u>Q92823</u> |

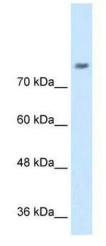


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PORIGENE NrCAM Rabbit Polyclonal Antibody – TA336014

| 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: | lmmunogen 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

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