

# NCAM2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19306c

## Product Information

---

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB, E                                                |
| Primary Accession | <a href="#">O15394</a>                               |
| Other Accession   | <a href="#">O35136</a> , <a href="#">NP_004531.2</a> |
| Reactivity        | Human, Mouse                                         |
| Predicted         | Rat, Bovine, Canine, Rabbit, Chicken                 |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Clone Names       | RB40145                                              |
| Calculated MW     | 93046                                                |
| Antigen Region    | 620-649                                              |

## Additional Information

---

|                    |                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 4685                                                                                                                                                                         |
| Other Names        | Neural cell adhesion molecule 2, N-CAM-2, NCAM-2, NCAM2, NCAM21                                                                                                              |
| Target/Specificity | This NCAM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 620-649 amino acids from the Central region of human NCAM2.          |
| Dilution           | WB~~1:1000 E~~Use at an assay dependent concentration.                                                                                                                       |
| Format             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| Precautions        | NCAM2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

## Protein Information

---

|          |                                                                       |
|----------|-----------------------------------------------------------------------|
| Name     | NCAM2                                                                 |
| Synonyms | NCAM21                                                                |
| Function | May play important roles in selective fasciculation and zone- to-zone |

projection of the primary olfactory axons.

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Cellular Location</b> | Cell membrane; Single-pass type I membrane protein |
| <b>Tissue Location</b>   | Expressed most strongly in adult and fetal brain.  |

## Background

---

The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein and may function in selective fasciculation and zone-to-zone projection of the primary olfactory axons.

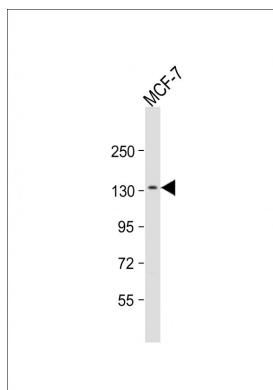
## References

---

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Sokolowski, M., et al. Mol. Psychiatry 15(1):10-11(2010)  
Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :  
Rasmussen, K.K., et al. J. Mol. Biol. 382(5):1113-1120(2008)  
Schmitt-Ulms, G., et al. Nat. Biotechnol. 22(6):724-731(2004)

## Images

---



Anti-NCAM2 Antibody (Center) at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.