

**NCAM1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20921c**

**Specification**

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**NCAM1 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P13591</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	94574

**NCAM1 Antibody (C-term) - Additional Information**

**Gene ID** 4684

**Other Names**

Neural cell adhesion molecule 1, N-CAM-1, NCAM-1, CD56, NCAM1, NCAM

**Target/Specificity**

This NCAM1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 829-863 amino acids from the C-terminal region of human NCAM1.

**Dilution**

WB~~1:1000

FC~~1:25

**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**

NCAM1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NCAM1 Antibody (C-term) - Protein Information**

**Name** NCAM1 ([HGNC:7656](#))

**Synonyms** NCAM

**Function** This protein is a cell adhesion molecule involved in neuron- neuron adhesion, neurite

fasciculation, outgrowth of neurites, etc. (Microbial infection) Acts as a receptor for Zika virus.

#### Cellular Location

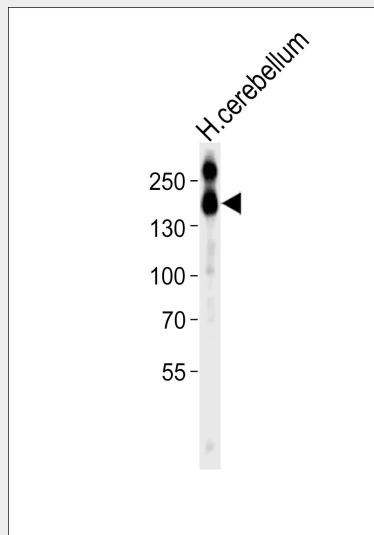
[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Cell membrane; Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

#### NCAM1 Antibody (C-term) - Protocols

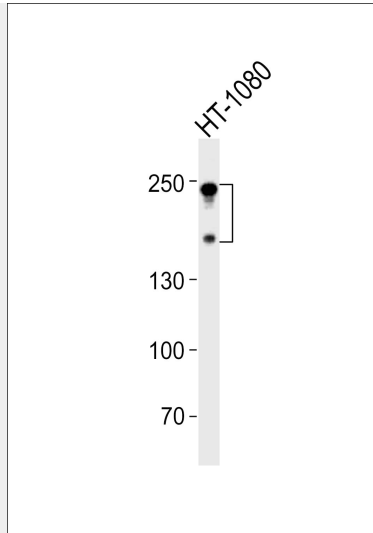
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

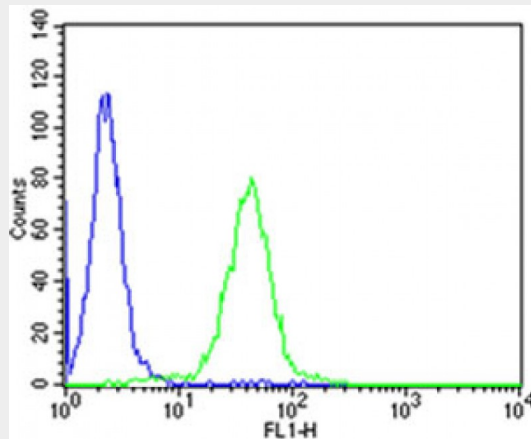
#### NCAM1 Antibody (C-term) - Images



Western blot analysis of lysate from HT-1080 cell line, using NCAM1 Antibody (C-term)(Cat. #AP20921c). AP20921c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



Western blot analysis of lysate from HT-1080 cell line, using NCAM1 Antibody (C-term)(Cat. #AP20921c). AP20921c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



Flow cytometric analysis of SH-SY5Y cells using NCAM1 Antibody (C-term)(green, Cat#AP20921c) compared to an isotype control of rabbit IgG(blue). AP20921c was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

### **NCAM1 Antibody (C-term) - Background**

This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.

### **NCAM1 Antibody (C-term) - References**

- Barton C.H., et al. *Development* 104:165-173(1988).
- Lanier L.L., et al. *J. Immunol.* 146:4421-4426(1991).
- Saito S., et al. *Lung Cancer* 10:307-318(1994).
- Ota T., et al. *Nat. Genet.* 36:40-45(2004).
- Totoki Y., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.