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NCAM1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20921c

Product Information

Application	WB, FC, E
Primary Accession	P13591
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51136
Calculated MW	94574

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

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.

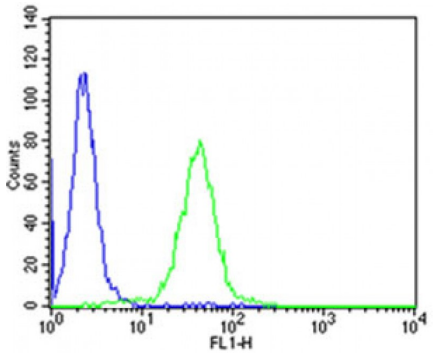
Background

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

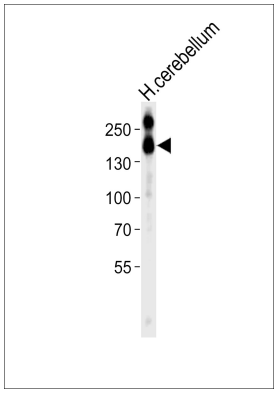
References

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.

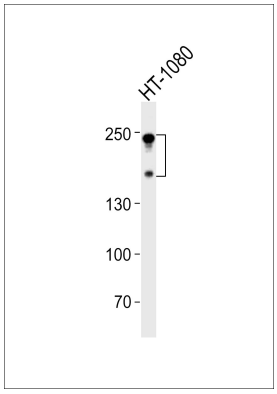
Images



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 lgG at 1:400 dilution was used as the secondary antibody.



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.

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