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NCAM1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5350

Product Information

Application	FC, WB
Primary Accession	P13591
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94574
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	4684
Antigen Region	829-863
Other Names	Neural cell adhesion molecule 1, N-CAM-1, NCAM-1, CD56, NCAM1, NCAM
Dilution	FC~~1:25 WB~~1:1000
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.
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.

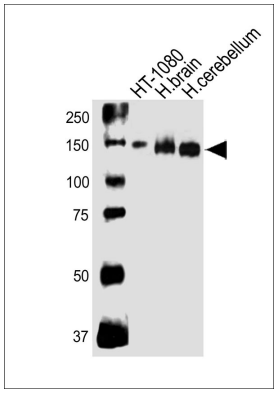
Background

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

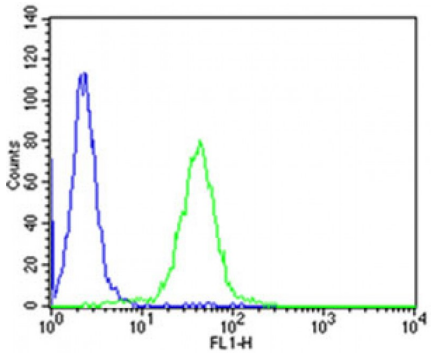
References

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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



Western blot analysis of lysates from HT-1080 cell line,human brain,human cerebellum tissue lysate(from left to right), using NCAM1 Antibody (C-term)(Cat. #AW5350). AW5350 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.



Flow cytometric analysis of SH-SY5Y cells using NCAM1 Antibody (C-term)(green, Cat#AW5350) compared to an isotype control of rabbit IgG(blue). AW5350 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.

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