10320 Camino Santa Fe, Suite A
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Tel: 858.875.1900 Fax: 858.875.1999

NCAM1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20927c

Specification

NCAM1 Antibody (C-term) - Product Information

Application	**IHC-P-Leica, WB,E**
Primary Accession	P13591
Other Accession	P13596, P13595, P13590, P31836
Reactivity	**Human, Mouse, Rat**
Predicted	**Bovine, Chicken**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

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 796-830 amino acids from the C-terminal region of human NCAM1.

Dilution
IHC-P-Leica~~1:500
WB~~1:500
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.

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.

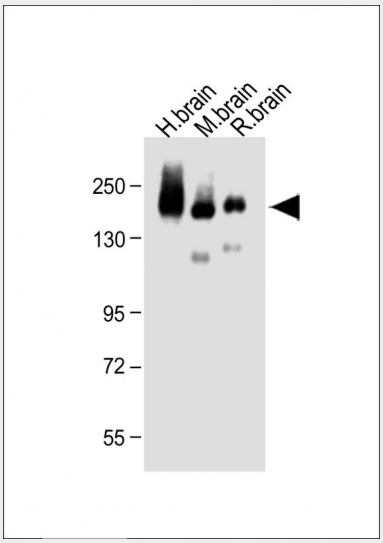
Cellular Location
[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Cell membrane; Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

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 Cytomety
- Cell Culture

NCAM1 Antibody (C-term) - Images



All lanes : Anti-NCAM1 Antibody (C-term) at 1:500 dilution Lane 1: Human brain lysate Lane 2: Mouse brain lysate Lane 3: Rat brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 95 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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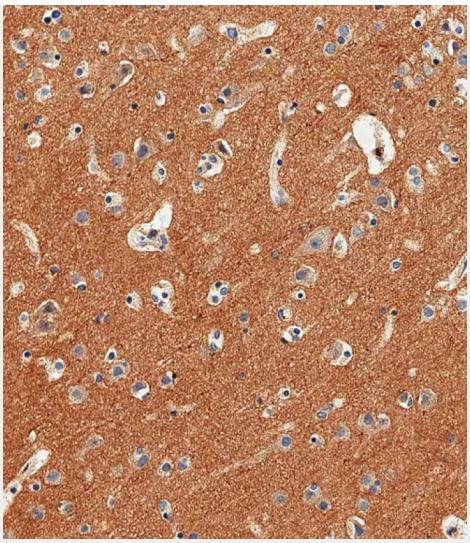
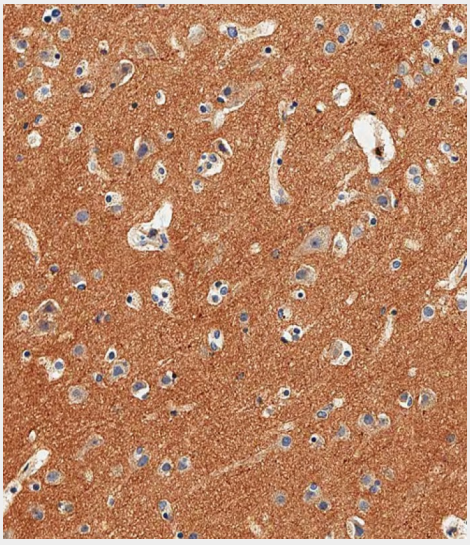


Immunohistochemical analysis of paraffin-embedded Human brain tissue using AP20927c performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



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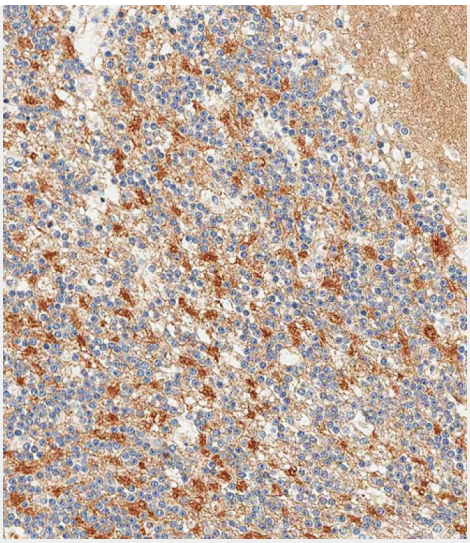

Immunohistochemical analysis of paraffin-embedded Human cerebellum tissue using AP20927c performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody 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.