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NCAM1 Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AM1960b

Product Information

Application	WB, E
Primary Accession	P13591
Other Accession	P13595, NP_000606.3, NP_001070150.1
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	321CT11.4.4
Calculated MW	94574
Antigen Region	830-858

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 mice immunized with a KLH conjugated synthetic peptide between 830-858 amino acids from human NCAM1.
Dilution	WB~~1:500~1000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
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 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.

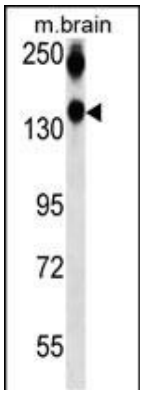
Background

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

References

Foley, D.A., et al. J. Biol. Chem. 285(45):35056-35067(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Kleene, R., et al. J. Biol. Chem. 285(37):28968-28979(2010)
Bojarska-Junak, A., et al. Oncol. Rep. 24(3):803-810(2010)
Gomyo, H., et al. Hematology 15(3):157-161(2010)

Images



NCAM1 Antibody (Cat. #AM1960b) western blot analysis in mouse brain tissue lysates (35µg/lane).This demonstrates the NCAM1 antibody detected the NCAM1 protein (arrow).

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