

# Product Datasheet

## IGSF4C/SynCAM4 Antibody

### NB100-93383

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-93383****IGSF4C/SynCAM4 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

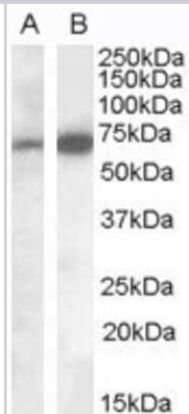
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	199731
<b>Gene Symbol</b>	CADM4
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-REAFLNGSDGHRKE corresponding to C-Terminus according to NP_660339.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 70 kDa band observed in human brain (cerebellum) lysates (calculated MW of 42.8 kDa band according to NP_660339.1). The observed molecular weight corresponds to findings with NBP1-00164, a product of different design reacting to a different part of the same protein.

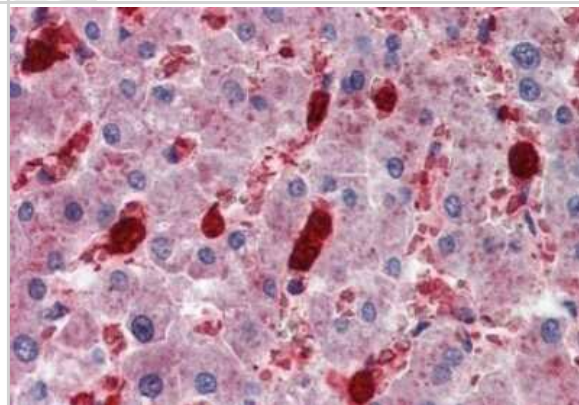


## Images

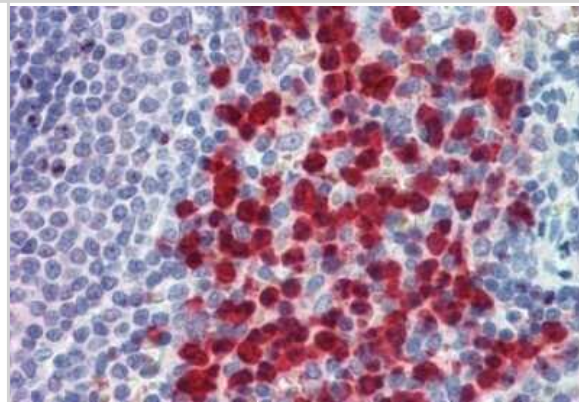
Western Blot: IGSF4C/SynCAM4 Antibody [NB100-93383] - Staining of Human Brain (Cerebellum) 35ug protein in RIPA buffer). A) (0.1ug/ml) and B) (0.05ug/ml). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NB100-93383] - (2.5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NB100-93383] - (2.5ug/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Spiegel I, Adamsky K, Eshed Y et al. A central role for Necl4 (SynCAM4) in Schwann cell-axon interaction and myelination. *Nat Neurosci* 2007-07-01 [PMID: 17558405]



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### **Products Related to NB100-93383**

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NBL1-08639	IGSF4C/SynCAM4 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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