

Product Datasheet

IGSF4C/SynCAM4 Antibody

NBP1-00164

Unit Size: 0.1 mg

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

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NBP1-00164**IGSF4C/SynCAM4 Antibody**

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

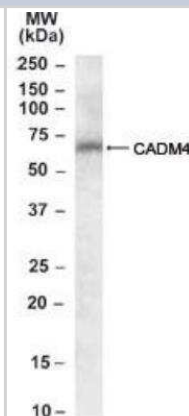
Product Description	
Host	Goat
Gene ID	199731
Gene Symbol	CADM4
Species	Human
Immunogen	Peptide with sequence C-KDERFQLEEFs corresponding to internal region according to NP_660339.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 5 ug/ml, Immunohistochemistry-Paraffin 1:10 - 1:500, Peptide ELISA Detection limit 1:16000
Application Notes	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 NB100-93383, a product of different design reacting to a different part of the same protein. IHC-P: Human thymus and skeletal muscle shows staining of adhesion sites between medullar cells.

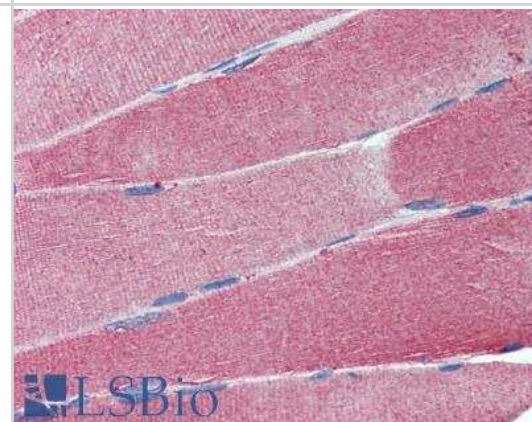


Images

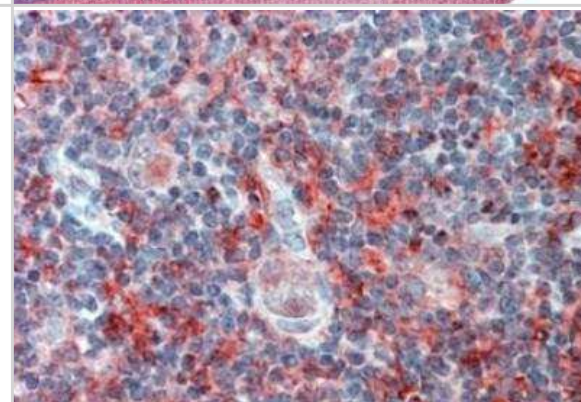
Western Blot: IGSF4C/SynCAM4 Antibody [NBP1-00164] - Analysis of Cell adhesion molecule 4 using NBP1-00164 in Human Brain (Cerebellum) lysate (35 ug protein in RIPA buffer) at 0.1 ug/ml.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NBP1-00164] - Staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NBP1-00164] - (2.5ug/ml) staining of paraffin embedded Human Thymus. 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 NBP1-00164

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

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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