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NXPH4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11180b

Product Information

Application	WB, FC, E
Primary Accession	O95158
Other Accession	Q9Z2N4, NP_009155.1
Reactivity	Human
Predicted	Rat, Mouse, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28975
Calculated MW	33065
Antigen Region	219-248

Additional Information

Gene ID	11247
Other Names	Neurexophilin-4, NXPH4, NPH4
Target/Specificity	This NXPH4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-248 amino acids from the C-terminal region of human NXPH4.
Dilution	WB~~1:1000 FC~~1:10~50 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	NXPH4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NXPH4
Synonyms	NPH4
Function	May be signaling molecules that resemble neuropeptides and that act by

binding to alpha-neurexins and possibly other receptors.

Cellular Location Secreted.

Tissue Location Expressed in brain, spleen, and testis.

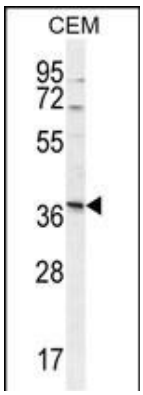
Background

An adhesion molecule that interacts with extracellular matrix molecules in developing teeth and may play important roles in differentiation and maintenance of odontoblasts as well as in dentin formation (By similarity).

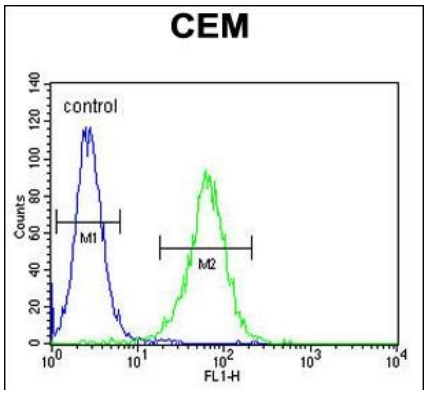
References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Missler, M., et al. J. Neurosci. 18(10):3630-3638(1998)

Images



NXPH4 Antibody (C-term) (Cat. #AP11180b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the NXPH4 antibody detected the NXPH4 protein (arrow).



NXPH4 Antibody (C-term) (Cat. #AP11180b) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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