

Product Name: Contactin 5 Rabbit Polyclonal Antibody
Catalog #: APRab09243



Summary

Production Name	Contactin 5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CNTN5
Alternative Names	CNTN5; Contactin-5; Neural recognition molecule NB-2; hNB-2
Gene ID	53942.0
SwissProt ID	O94779.The antiserum was produced against synthesized peptide derived from human CNTN5. AA range:891-940

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:20000.
Molecular Weight	

Background

The protein encoded by this gene is a member of the immunoglobulin superfamily, and contactin family, which mediate

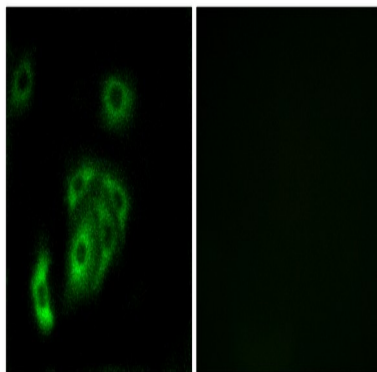
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cell surface interactions during nervous system development. This protein is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011],function:Contactins mediate cell surface interactions during nervous system development. Has some neurite outgrowth-promoting activity in the cerebral cortical neurons but not in hippocampal neurons. Probably involved in neuronal activity in the auditory system.,similarity:Belongs to the immunoglobulin superfamily. Contactin family.,similarity:Contains 4 fibronectin type-III domains.,similarity:Contains 6 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Expressed in brain and kidney and at very low level in placenta. Not expressed in other tissues. In brain, it is highly expressed in the occipital lobe, amygdala, cerebral cortex, frontal lobe, thalamus and temporal lobe. Expressed at moderate level in the cerebellum, substantia nigra, putamen, medulla and hippocampus. Weakly expressed in the spinal cord and caudate nucleus. Weakly or not expressed in the corpus callosum.,

Research Area

Image Data



Immunofluorescence analysis of A549 cells, using CNTN5 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.