10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Contactin 1 Antibody

Catalog # AP61029

Product Information

Application	WB
Primary Accession	Q12860
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113320

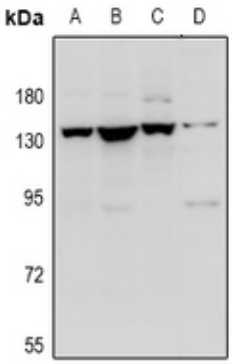
Additional Information

Gene ID	1272
Other Names	Contactin-1; Glycoprotein gp135; Neural cell surface protein F3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Contactin 1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CNTN1
Function	Contactins mediate cell surface interactions during nervous system development. Involved in the formation of paranodal axo-glial junctions in myelinated peripheral nerves and in the signaling between axons and myelinating glial cells via its association with CNTNAP1. Participates in oligodendrocytes generation by acting as a ligand of NOTCH1. Its association with NOTCH1 promotes NOTCH1 activation through the released notch intracellular domain (NICD) and subsequent translocation to the nucleus. Interaction with TNR induces a repulsion of neurons and an inhibition of neurite outgrowth (By similarity).
Cellular Location	[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side
Tissue Location	Strongly expressed in brain and in neuroblastoma and retinoblastoma cell lines. Lower levels of expression in lung, pancreas, kidney and skeletal muscle.

Images



Western blot analysis of Contactin 1 expression in A549 (A), HEK293T (B), C6 (C), MEF (D) whole cell lysates. (Predicted band size: 113 kD; Observed band size: 135 kD)

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