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Datasheet for ABIN7148471
anti-Contactin 1 antibody (AA 686-866) (Biotin)

Overview

Quantity:	100 µg
Target:	Contactin 1 (CNTN1)
Binding Specificity:	AA 686-866
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Contactin 1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Contactin-1 protein (686-866AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Contactin 1 (CNTN1)
Alternative Name:	CNTN1 (CNTN1 Products)
Background:	Background: Contactins mediate cell surface interactions during nervous system development. Involved in the formation of paranodal axo-glia junctions in myelinated peripheral nerves and in

Target Details

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).

Aliases: CNTN 1 antibody, CNTN antibody, Cntn1 antibody, CNTN1_HUMAN antibody, Contactin-1 antibody, Contactin1 antibody, F3 antibody, F3cam antibody, Glycoprotein gp135 antibody, gp 135 antibody, GP135 antibody, MYPCN antibody, Neural cell surface protein F3 antibody

UniProt: [Q12860](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.