

## Anti-CNTN1 Rabbit Polyclonal Antibody

### Introduction

Contactin-1 (CNTN1), also known as Glycoprotein gp135 or Neural cell surface protein F3, is a neuronal cell adhesion molecule of the immunoglobulin superfamily (PMID: 3049624). It consists of six Ig domains, four fibronectin-like motifs, and a glycosylphosphatidylinositol (GPI)-moiety. Expressed by the central and peripheral neurons, CNTN1 contributes to the formation and function of neuronal connections. It plays a role in axon extension and formation of septate-like junctions between axons and myelinating glial cells (PMID: 23724143). In addition, acting as a ligand for Notch, CNTN1 initiates a NOTCH/DTX1 signaling pathway that promotes oligodendrocyte maturation and myelination (PMID: 14567914).

### Product parameters

Alternative Names	CNTN1; contactin 1; F3; Glycoprotein gp135; GP135; Neural cell surface protein F3
Gene ID	1272
Gene Name	CNTN1
SwissProt ID	Q12860
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 113 kDa; Observed MW: 113 kDa
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Immunogen	Synthetic peptide of human CNTN1
Application	WB, IHC-P
Dilution Ratio	WB-1:500-1:1000; IHC-1:50-1:100
Product Categories	antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months

### Note



1. This product is for scientific research use only.



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**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)