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Datasheet for ABIN7148470

## anti-Contactin 1 antibody (AA 686-866)

### 1 Image

#### 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 un-conjugated
Application:	ELISA, Immunofluorescence (IF)

#### 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 ( <a href="#">CNTN1 Products</a> )
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

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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

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UniProt: [Q12860](#)

## Application Details

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Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

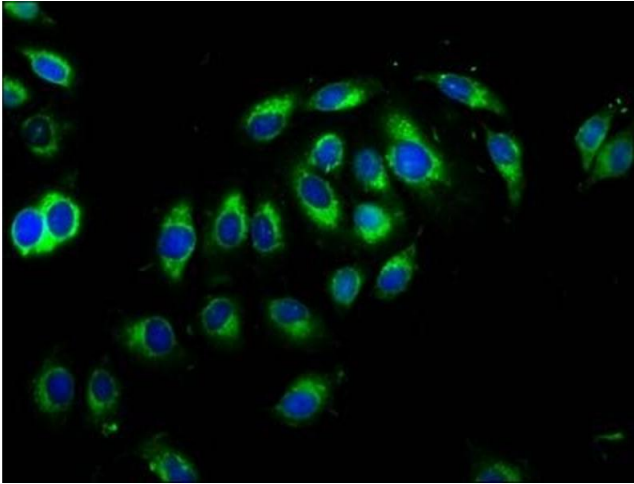
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7148470 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).