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Datasheet for ABIN917104

## anti-CNTN2 antibody (AA 161-260) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	CNTN2
Binding Specificity:	AA 161-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTN2 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TAG1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CNTN2
Alternative Name:	TAG1 ( <a href="#">CNTN2 Products</a> )
Background:	Synonyms: Axonal glycoprotein TAG 1, Axonal glycoprotein TAG-1, Axonal glycoprotein TAG1,

## Target Details

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Axonin 1, Axonin-1, Axonin1, AXT, CNTN 2, Cntn2, CNTN2\_HUMAN, contactin 2 axonal, Contactin 2, Contactin-2, Contactin2, DKFZp781D102, MGC157722, TAG 1, TAG 564, TAG564, TAX 1, TAX, TAX-1, TAX1, Transient axonal glycoprotein 1, Transiently expressed axonal glycoprotein.

Background: Contactin 2 is a neuronal cell adhesion molecule (CAM) that influences the formation of axon connections in the developing nervous system. Contactin 2 is a member of the immunoglobulin superfamily (IgSF) and contains a glycosylphosphatidylinositol-anchor, six immunoglobulin (Ig)-like and four Fibronectin type III (FNIII)-like domains. Contactin 2 is expressed predominantly during neural development on the cell membrane of axons in nerve fiber tracts in order to guide commissural axons without promoting their growth. Contactin 2 binds with NgCAM in the plane of the same membrane (cis-binding). The Contactin 2 heterophilic (Contactin 2/NgCAM and Contactin 2/NrCAM) binding sites are localized to the first four Ig domains. The Contactin 2 homophilic (Contactin 2/Contactin 2) binding site is localized to the FNIII domain.

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Gene ID: 6900

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Regulation of Cell Size](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months