

ARG42080 anti-CNTN2 / Contactin 2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CNTN2 / Contactin 2
Tested Reactivity	Hu, Ms
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNTN2 / Contactin 2
Species	Human
Immunogen	Synthetic peptide of Human CNTN2 / Contactin 2.
Conjugation	Un-conjugated
Alternate Names	TAG-1; AXT; TAX; Contactin-2; TAX-1; TAX1; FAME5; Transient axonal glycoprotein 1; Axonin-1; Axonal glycoprotein TAG-1

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U87-MG	
Observed Size	~ 140 kDa	
Assay Time	Q02246	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

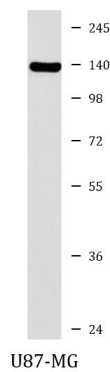
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CNTN2
Gene Full Name	contactin 2 (axonal)
Background	This gene encodes a member of the contactin family of proteins, part of the immunoglobulin superfamily of cell adhesion molecules. The encoded glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein plays a role in the proliferation, migration, and axon guidance of neurons of the developing cerebellum. A mutation in this gene may be associated with adult myoclonic epilepsy. [provided by RefSeq, Sep 2016]
Function	In conjunction with another transmembrane protein, CNTNAP2, contributes to the organization of axonal domains at nodes of Ranvier by maintaining voltage-gated potassium channels at the juxtaparanodal region. May be involved in cell adhesion. [UniProt]
Calculated Mw	113 kDa
Cellular Localization	Cell membrane; Lipid-anchor, GPI-anchor. Note=Attached to the neuronal membrane by a GPI-anchor and is also released from neurons. [UniProt]

Images



ARG42080 anti-CNTN2 / Contactin 2 antibody WB image

Western blot: U87-MG cell lysate stained with ARG42080 anti-CNTN2 / Contactin 2 antibody.