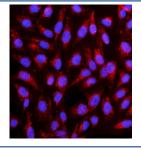


# CNTN1 Antibody / Contactin 1 / GP135 (RQ6546)

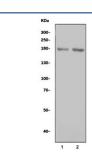
Catalog No.	Formulation	Size
RQ6546	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

# **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q12860
Localization	Intracellular, cell membrane
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Contactin 1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with CNTN1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat brain and 2) mouse brain lysate with CNTN1 antibody. Expected molecular weight: 113-150 kDa depending on glycosylation level.

## **Description**

Contactin 1, also known as CNTN1 and Glycoprotein gp135, is a protein which in humans is encoded by the CNTN1 gene. The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

#### **Application Notes**

Optimal dilution of the Contactin 1 antibody should be determined by the researcher.

## **Immunogen**

An E. coli-derived human protein (amino acids K225-H979) was used as the immunogen for the Contactin 1 antibody.

### **Storage**

After reconstitution, the Contactin 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.