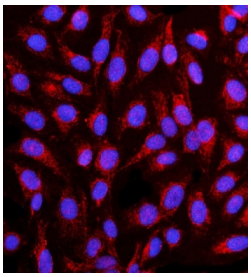
# CNTN1 Antibody / Contactin 1 / GP135 (RQ6546)

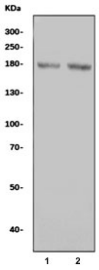
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ6546 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **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<br>Immunofluorescence: 5ug/ml<br>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.


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