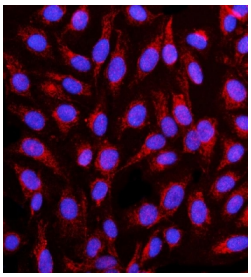
CNTN1 Antibody / Contactin 1 / GP135 (RQ6546)

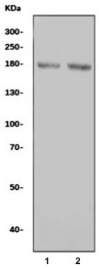
Catalog No.	Formulation	Size
RQ6546	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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 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.