

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324)
Goat Polyclonal Antibody
Catalog # ALS16152**Specification**

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q12860
Reactivity	Human, Mouse, Rat, Monkey, Pig, Guinea Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	113kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Additional Information**Gene ID** 1272**Other Names**

Contactin-1, Glycoprotein gp135, Neural cell surface protein F3, CNTN1

Target/Specificity

Human CNTN1 / gp135 / Contactin 1. This antibody is expected to recognize all reported isoforms (NP_001834.2; NP_778203.1; NP_001242992.1). Reported variants represent identical protein: NP_001242993.1, NP_001242992.1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) is for research use only and not for use in diagnostic or therapeutic procedures.

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Protein Information**Name** CNTN1**Function**

Contactins mediate cell surface interactions during nervous system development. Involved in the formation of paranodal axo-glial junctions in myelinated peripheral nerves and in the signaling between axons and myelinating glial cells via its association with CNTNAP1. Participates in oligodendrocytes generation by acting as a ligand of NOTCH1. Its association with NOTCH1 promotes NOTCH1 activation through the released notch intracellular domain (NICD) and subsequent translocation to the nucleus. Interaction with TNR induces a repulsion of neurons and an inhibition of neurite outgrowth (By similarity).

Cellular Location

[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side

Tissue Location

Strongly expressed in brain and in neuroblastoma and retinoblastoma cell lines. Lower levels of expression in lung, pancreas, kidney and skeletal muscle.

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Images

CNTN1 antibody (0.3 ug/ml) staining of Human Cerebellum (A), Mouse Brain (B) and Rat Brain (C)...

CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - Background

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CNTN1 / gp135 / Contactin 1 Antibody (aa313-324) - References

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