

# **Anti-Contactin 1 Antibody**

Rabbit polyclonal antibody to Contactin 1 Catalog # AP61029

# **Specification**

# **Anti-Contactin 1 Antibody - Product Information**

Application WB
Primary Accession Q12860
Other Accession P12960

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 113320

# **Anti-Contactin 1 Antibody - Additional Information**

### **Gene ID 1272**

#### **Other Names**

Contactin-1; Glycoprotein gp135; Neural cell surface protein F3

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Contactin 1. The exact sequence is proprietary.

### **Dilution**

WB~~WB (1/500 - 1/1000)

### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### **Anti-Contactin 1 Antibody - 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).



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# **Cellular Location**

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

#### **Tissue Location**

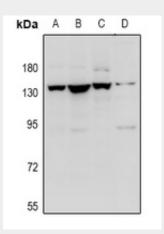
Strongly expressed in brain and in neuroblastoma and retinoblastoma cell lines. Lower levels of expression in lung, pancreas, kidney and skeletal muscle.

# **Anti-Contactin 1 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Anti-Contactin 1 Antibody - Images**



Western blot analysis of Contactin 1 expression in A549 (A), HEK293T (B), C6 (C), MEF (D) whole cell lysates.

# Anti-Contactin 1 Antibody - Background

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