

## **Contactin 6 Polyclonal Antibody**

Catalog No: YT1056

**Reactivity:** Human; Mouse

**Applications:** WB;ELISA

Target: Contactin 6

Gene Name: CNTN6

**Protein Name:** Contactin-6

Human Gene ld: 27255

**Human Swiss Prot** 

No:

Mouse Gene ld: 53870

**Mouse Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

CNTN6. AA range:331-380

**Specificity:** Contactin 6 Polyclonal Antibody detects endogenous levels of Contactin 6

protein.

Q9UQ52

Q9JMB8

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Molecularweight: 114kD

**Background:** 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],

function:Contactins mediate cell surface interactions during nervous system development. 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. Involved in motor coordination.,similarity:Belongs to the

immunoglobulin superfamily. Contactin family.,similarity:Contains 4 fibronectin type-III domains.,similarity:Contains 6 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Expressed in nervous system. Highly expressed in cerebellum. Expressed at intermediate level in thalamus, subthalamic nucleus.

Weakly expressed in corpus callosum, caudate nucleus and spinal cord.,

Subcellular Location:

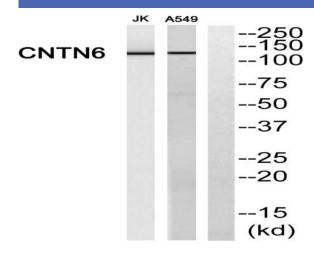
**Function:** 

Cell membrane; Lipid-anchor, GPI-anchor.

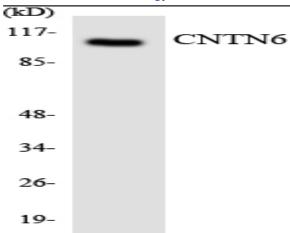
**Expression :** Expressed in nervous system. Highly expressed in cerebellum. Expressed at intermediate level in thalamus, subthalamic nucleus. Weakly expressed in corpus

callosum, caudate nucleus and spinal cord.

## **Products Images**



Western blot analysis of CNTN6 Antibody. The lane on the right is blocked with the CNTN6 peptide.



Western blot analysis of the lysates from HeLa cells using CNTN6 antibody.