

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)

1/3

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: 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 lg-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:

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.

Sort : 4434

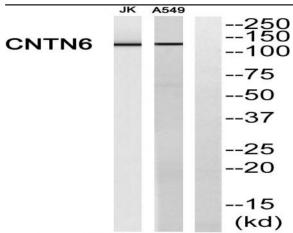
No4: 1

Host: Rabbit

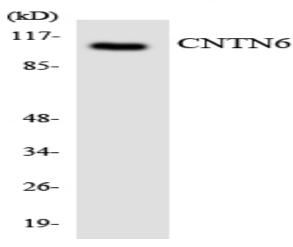
Modifications: Unmodified

Products Images

2/3



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.