

**CNTN6 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8561c****Specification**

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**CNTN6 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9UQ52](#)**CNTN6 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 27255**Other Names**

Contactin-6, Neural recognition molecule NB-3, hNB-3, CNTN6

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8561c](#) was selected from the Center region of human CNTN6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CNTN6 Antibody (Center) Blocking Peptide - Protein Information****Name** CNTN6**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 (By similarity).

**Cellular Location**

Cell membrane; Lipid-anchor, GPI- anchor

**Tissue Location**

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

## **CNTN6 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **CNTN6 Antibody (Center) Blocking Peptide - Images**

## **CNTN6 Antibody (Center) Blocking Peptide - Background**

CNTN6 is a member of the immunoglobulin superfamily. It is a cosylphosphatidylinositol (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.

## **CNTN6 Antibody (Center) Blocking Peptide - References**

Manderson, E.N., et.al., Int. J. Gynecol. Cancer 19 (4), 513-525 (2009)