

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3868a**Specification**

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - Product Information

Application	E
Primary Accession	O9UQ52
Other Accession	NP_059079.2 , 27255 , 53870 (mouse)
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	113956

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - Additional Information**Gene ID** 27255**Other Names**

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

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - 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

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - 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](#)

Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - Images**Contactin 6 / NB-3 (mouse aa160-172) Antibody (internal region) - References**

Synaptic formation in subsets of glutamatergic terminals in the mouse hippocampal formation is affected by a deficiency in the neural cell recognition molecule NB-3. Sakurai K, Toyoshima M, Takeda Y, Shimoda Y, Watanabe K. Neurosci Lett. 2010 Apr 5;473(2):102-6. PMID: 20176085