

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

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

Application	E
Primary Accession	<a href="#">O9UQ52</a>
Other Accession	<a href="#">NP_059079.2</a> , <a href="#">27255</a> , <a href="#">53870 (mouse)</a>
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