



## Rabbit Anti-Contactin 4 + 6 antibody

SL11636R

<b>Product Name:</b>	Contactin 4 + 6
<b>Chinese Name:</b>	轴突相关粘附分子抗体
<b>Alias:</b>	Contactin 4+6; Contactin 4 + Contactin 6; Contactin 4 / Contactin 6; AXCAM; axonal-associated cell adhesion molecule; BIG 2; BIG2; Brain-derived immunoglobulin superfamily protein 2; CNTN4; CNTN4A; CNTN4_HUMAN; CNTN6; CNTN6_HUMAN; Contactin 4; Contactin4; Contactin-4; Contactin-6; Contactin6; Contactin 6; hNB-3; NB3; neural cell adhesion protein BIG-2; Neural recognition molecule NB-3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	114kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Contactin 4 + 6:181-280/1026
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. 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. Similarity: Belongs to the immunoglobulin superfamily. Contactin family. Contains 4 fibronectin type-III domains. Contains 6 Ig-like C2-type (immunoglobulin-like) domains.

**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

**Subcellular Location:**

Cell membrane; Lipid-anchor, GPI-anchor

**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.

**Similarity:**

Belongs to the immunoglobulin superfamily. Contactin family. Contains 4 fibronectin type-III domains. Contains 6 Ig-like C2-type (immunoglobulin-like) domains.

**SWISS:**

Q8IWV2

**Gene ID:**

152330

**Database links:**

[Entrez Gene: 152330](#)Human

[Entrez Gene: 27255](#)Human

[Entrez Gene: 269784](#)Mouse

[Entrez Gene: 116658](#)Rat

[SwissProt: Q8IWV2](#)Human

[SwissProt: Q69Z26](#)Mouse

[SwissProt: 62845](#)Rat

	<p><b>Important Note:</b></p>
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This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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