

Anti-Contactin 4 antibody



Description	Rabbit polyclonal to Contactin 4.
Model	STJ92419
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF
Immunogen	Synthesized peptide derived from human Contactin 4
Immunogen Region	630-710 aa, Internal
Gene ID	152330
Gene Symbol	CNTN4
Dilution range	IF 1:200-1:1000ELISA 1:20000
Specificity	Contactin 4 Polyclonal Antibody detects endogenous levels of Contactin 4 protein.
Tissue Specificity	Mainly expressed in brain. Highly expressed in cerebellum and weakly expressed in corpus callosum, caudate nucleus, amygdala and spinal cord. Also expressed in testis, pancreas, thyroid, uterus, small intestine and kidney. Not expressed in skeletal muscle. Isoform 2 is weakly expressed in cerebral cortex.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Contactin-4 Brain-derived immunoglobulin superfamily protein 2 BIG-2

Molecular Weight	113.454 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2174OMIM:607280
Alternative Names	Contactin-4 Brain-derived immunoglobulin superfamily protein 2 BIG-2
Function	Contactins mediate cell surface interactions during nervous system development. Has some neurite outgrowth-promoting activity. May be involved in synaptogenesis.
Cellular Localization	Cell membrane. Lipid-anchor, GPI-anchor. Secreted

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