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CNTP2 Rabbit mAb

货号: AYM30383

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	160kDa
实测分子量	160kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse spinal cord,Rat brain
细胞定位	Cell projection,Membrane,Single-pass type I membrane protein,axon
纯化	Affinity purification

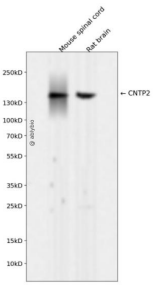
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CNTP2.

靶点信息

研究背景	This gene encodes a member of the neurexin family which functions in the vertebrate nervous system as cell adhesion molecules and receptors. This protein, like other neurexin proteins, contains epidermal grow th factor repeats and laminin G domains. In addition, it includes an F5/8 type C domain, discoidin/neuropil in- and fibrinogen-like domains, thrombospondin N-terminal-like domains and a putative PDZ binding site. This protein is localized at the juxtaparanodes of myelinated axons, and mediates interactions between n eurons and glia during nervous system development and is also involved in localization of potassium cha nnels within differentiating axons. This gene encompasses almost 1.5% of chromosome 7 and is one of th e largest genes in the human genome. It is directly bound and regulated by forkhead box protein P2 (FOX P2), a transcription factor related to speech and language development. This gene has been implicated in multiple neurodevelopmental disorders, including Gilles de la Tourette syndrome, schizophrenia, epilepsy, autism, ADHD and mental retardation.
基因ID	26047
基因名	CNTNAP2
Swiss	Q9UHC6 (https://www.uniprot.org/uniprotkb/Q9UHC6/entry)
别名	CNTP2,CNTP2 Rabbit mAb,CNTNAP2,Cell recognition molecule Caspr2,CASPR2,KIAA0868

产品验证



Western blot analysis of CNTP2 expressed in Mouse spinal cord,Rat brain using CNTP2 Rabbit mAb at 1:10 00. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Block ing buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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