接触蛋白相关蛋白 3 抗体

产品货号： mlR11075

英文名称： CNTNAP3

中文名称： 接触蛋白相关蛋白 3 抗体

别　名： CASPR3; Cell recognition molecule Caspr3; CNTNAP3A; Contactin associated protein like 3; contactin associated protein-like 3B; FLJ14195; KIAA1714; CNTP3_HUMAN.

研究领域： 神经生物学　细胞粘附分子　跨膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 138kDa

细胞定位： 细胞膜 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CNTNAP3 :31-130/1288 <Extracellular>

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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.

PubMed： PubMed

产品介绍： CNTNAP3B is a 1,288 amino acid protein that is encoded by a gene which maps to human chromosome 9. Chromosome 9 contains 145 million base pairs and comprises 4% of the human genome, encoding nearly 900 genes. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in translocations that lead to the aberrant production of a BCR-ABL fusion protein often found in leukemias.

Function:

The protein encoded by this gene belongs to the NCP family of cell-recognition molecules. This family represents a distinct subgroup of the neurexins. NCP proteins mediate neuron-glial interactions in vertebrates and glial-glial contact in invertebrates. The protein encoded by this gene may play a role in cell recognition within the nervous system. Alternatively spliced transcript variants encoding different isoforms have been described but their biological nature has not been determined.

Subcellular Location:

Isoform 1: Cell membrane; Single-pass type I membrane protein Isoform 2: Secreted

Similarity:

Belongs to the neurexin family.

Contains 2 EGF-like domains.

Contains 1 F5/8 type C domain.

Contains 1 fibrinogen C-terminal domain.

Contains 4 laminin G-like domains.

SWISS:

Q9BZ76

Gene ID:

79937

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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