

## 补体组分 1q 子成分样蛋白 1 抗体

产品货号： mlR11045

英文名称： C1QL1

中文名称： 补体组分 1q 子成分样蛋白 1 抗体

别名： C1q related factor; C1q-related factor; C1ql1; C1QRF; C1QRF\_HUMAN; C1QTNF14; Complement component 1 Q subcomponent like 1; Complement component 1 Q subcomponent-like 1; CRF; Gliacolin.

研究领域： 神经生物学 细胞粘附分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow,

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 : 25kDa

细胞定位 : 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human C1QL1:21-120/258

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** : C1q is part of the C1 enzyme complex, which activates the serum complement system. The residues of the globular domain in C1q share homology with several other secreted and membrane-bound collagen or collagen-like proteins, including pre-cerebellin and collagen types VIII and X, as well as the human and mouse genes encoding Apm1/BPB80 and AdipoQ/ACRP30, respectively. These various C1q-related proteins are found in adipose serum, corneal endothelium, chondrocytes and cerebral Purkinje cells. C1qL1 (complement component 1, q subcomponent-like 1), also known as CRF or C1QRF, is a polypeptide with a hydrophobic signal sequence, a collagenous region and a globular domain at the carboxy terminus, which shares homology to the C1q globular domain. C1qL1 transcripts are most abundant in areas of the nervous system that are associated with motor function, including cerebral Purkinje cells, the pons, the accessory olivary nucleus, and the red nucleus. The similarity of mouse C1qL1 to human C1qL1 suggests a conserved and important role for the protein. In humans, the gene encoding C1qL1 maps to chromosome 17q21.

**Function:**

May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses (By similarity).

**Subunit:**

Interacts with BAI3 (By similarity).

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Expressed in brainstem.

**Similarity:**

Contains 1 C1q domain.

Contains 1 collagen-like domain.

**SWISS:**

O75973

**Gene ID:**

10882

**Important Note:**

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

产品图片

