

Product datasheet

Anti-C1q antibody (HRP) ab46191

6 References

概述

产品名称	Anti-C1q抗体(HRP)
描述	羊多克隆抗体to C1q (HRP)
宿主	Sheep
偶联物	HRP
经测试应用	适用于: ELISA
种属反应性	与反应: Human
免疫原	Human C1q

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab46191** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		1/100 - 1/400.

靶标

功能	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum
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complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

#### 疾病相关

Defects in C1QA are a cause of complement component C1q deficiency (C1QD) [MIM:613652]. A rare defect resulting in C1 deficiency and impaired activation of the complement classical pathway. C1 deficiency generally leads to severe immune complex disease with features of systemic lupus erythematosus and glomerulonephritis.

#### 序列相似性

Contains 1 C1q domain.  
Contains 1 collagen-like domain.

#### 翻译后修饰

O-linked glycans consist of Glc-Gal disaccharides bound to the oxygen atom of post-translationally added hydroxyl groups.

#### 细胞定位

Secreted.

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