

C1QB Antibody
Rabbit mAb
Catalog # AP91652

Specification

C1QB Antibody - Product Information

Application	WB, IHC
Primary Accession	P02746
Clonality	Monoclonal
Other Names	
C1qb; Complement component 1 q subcomponent B chain;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26722 Da

C1QB Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human C1QB
Description	C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca²⁺-dependent C1r₂C1s₂ 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

C1QB Antibody - Protein Information

Name C1QB

Function

C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum 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.

Cellular Location

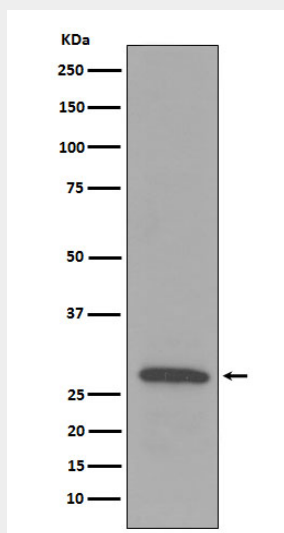
Secreted.

C1QB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C1QB Antibody - Images



Western blot analysis of C1QB expression in Human plasma lysate.