

C1QA Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20555c

Specification

C1QA Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P02745
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26017

C1QA Antibody (Center) - Additional Information

Gene ID 712

Other Names

Complement C1q subcomponent subunit A, C1QA

Target/Specificity

This C1QA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 89-103 amino acids from the Central region of human C1QA.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

C1QA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

C1QA Antibody (Center) - Protein Information

Name C1QA

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.

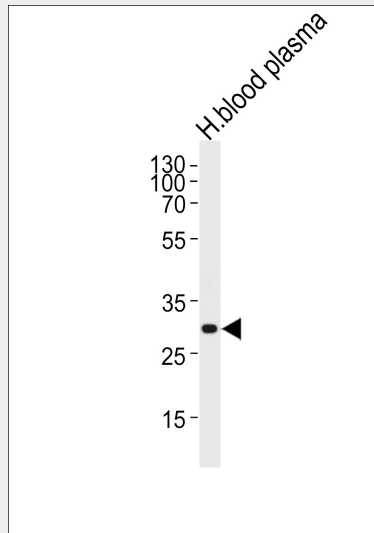
Cellular Location
Secreted.

C1QA Antibody (Center) - 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](#)

C1QA Antibody (Center) - Images



Western blot analysis of lysate from human blood plasma tissue lysate, using C1QA Antibody (Center) (Cat. # AP20555c). AP20555c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

C1QA Antibody (Center) - Background

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.

C1QA Antibody (Center) - References

- Sellar G.C., et al. *Biochem. J.* 274:481-490(1991).
Wan T., et al. Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Gregory S.G., et al. *Nature* 441:315-321(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.