

Complement C9 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51027**Specification**

Complement C9 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P02748
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71 KDa

Complement C9 Antibody - Additional Information**Gene ID** 735**Other Names**

Complement component C9, Complement component C9a, Complement component C9b, C9

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Complement C9 Antibody - Protein Information**Name** C9**Function**

Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells (PubMed: [26841934](http://www.uniprot.org/citations/26841934), PubMed: [9212048](http://www.uniprot.org/citations/9212048), PubMed: [9634479](http://www.uniprot.org/citations/9634479)). C9 is the pore-forming subunit of the MAC (PubMed: [26841934](http://www.uniprot.org/citations/26841934), PubMed: [30111885](http://www.uniprot.org/citations/30111885), PubMed: [4055801](http://www.uniprot.org/citations/4055801)).

Cellular Location

Secreted. Target cell membrane; Multi-pass membrane protein. Note=Secreted as soluble monomer Oligomerizes at target membranes, forming a pre-pore. A conformation change then leads to the formation of a 100 Angstrom diameter pore

Tissue Location

Plasma (at protein level).

Complement C9 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](#)

Complement C9 Antibody - Images

Complement C9 Antibody - Background

Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.

Complement C9 Antibody - References

Stanley K.K., et al. EMBO J. 4:375-382(1985).
Discipio R.G., et al. Proc. Natl. Acad. Sci. U.S.A. 81:7298-7302(1984).
Marazziti D., et al. Biochemistry 27:6529-6534(1988).
Witzel-Schloemp K., et al. Immunogenetics 48:144-147(1998).
DiScipio R.G., et al. J. Biol. Chem. 260:14802-14809(1985).