

C9 Polyclonal antibody

Catalog Number: 25891-1-AP

Basic Information

Catalog Number:

25891-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23137

GenBank Accession Number:

BC020721

GeneID (NCBI):

735

UNIPROT ID:

P02748

Full Name:

complement component 9

Calculated MW:

559 aa, 63 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human plasma,

Background Information

The final consequence of complement activation is the formation of the membrane attack complex (MAC), a multiprotein assembly that perforates cell membranes, forming transmembrane channels. The MAC plays a critical role in complement-mediated hemolysis and inflammasome activation (PMID: 27444648). Complement component 9 (C9) is 1 of 5 late-acting proteins of complement that participate in the assembly and function of the MAC. C9 may be cleaved by thrombin to generate fragments C9a (25 kDa) and C9b (37 kDa) (PMID: 7523406).

Storage

Storage:

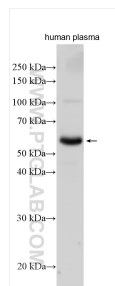
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 25891-1-AP (C9 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.