# C9 Antibody / Complement C9 (RQ4062)

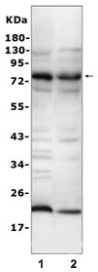
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4062 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| **UniProt** | P02748 |
| **Applications** | Western Blot: 0.5-1ug/ml<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This C9 antibody is available for research use only. |




Western blot testing of human placental tissue lysate with C9 antibody at 0.5ug/ml. Expected molecular weight: 65-70 kDa.




Western blot testing of mouse 1) liver and 2) lung tissue lysate with C9 antibody at 0.5ug/ml. Expected molecular weight: 65-70 kDa.

## Description

Complement 9 is a protein involved in the complement system. It participates in the formation of the Membrane Attack Complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause component C9 deficiency. And this gene is mapped to 5p13.1.

## Application Notes

Optimal dilution of the C9 antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein corresponding to amino acids K289-N515 was used as the immunogen for the Complement C9 antibody.

## Storage

After reconstitution, the C9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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