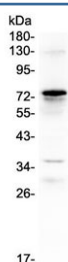


C9 Antibody / Complement C9 (RQ4062)

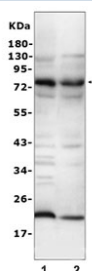
Catalog No.	Formulation	Size
RQ4062	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
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 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.