

C7 Recombinant antibody

Cat: B35032D

Company: HaoKebio

Uniprot ID: P10643

Applications: IHC:1:200-1:500

Organism: Rabbit

IHC-Polymer:1:800-1:2000

Species reactivity: Human Mouse Rat

IHC-TSA:1:1000-1:2500

Molecular Weight Calculation: 94 kDa

WB:1:1000-5000

Observed Molecular Weight: 94 kDa

Background:

This gene encodes a serum glycoprotein that forms a membrane attack complex together with complement components C5b, C6, C8, and C9 as part of the terminal complement pathway of the innate immune system. The protein encoded by this gene contains a cholesterol-dependent cytolysin/membrane attack complex/perforin-like (CDC/MACPF) domain and belongs to a large family of structurally related molecules that form pores involved in host immunity and bacterial pathogenesis. This protein initiates membrane attack complex formation by binding the C5b-C6 subcomplex and inserts into the phospholipid bilayer, serving as a membrane anchor. Mutations in this gene are associated with a rare disorder called C7 deficiency.

Protein full name:

Complement component 7

Synonyms:

Complement component C7

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

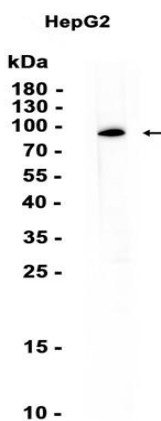
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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发表[英文论文]请标注:C7(B35032D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.