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C7 Polyclonal Antibody

Cat #: G-AB-06299

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.
C7 (Complement C7) is a Protein Coding gene. Diseases associated with C7 include C7 Deficiency and Immunodeficiency Due To A Late Component Of Complement Deficiency. Among its related pathways are Complement Pathway and Innate Immune System. An important

Gene ID:

Accession #: BC063851

Immunogen: Fusion protein of human C7

Conjugation: Unconjugated

Swissprot: P10643

Calculated Molecular Weight: 94 kDa

Observed Molecular Weight: Refer to figures

Concentration: 0.6 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,ELISA

Dilution: WB 1:500-1:2000, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.