

C2 Rabbit pAb

db21303

Package : 20µL 50µL 100µL

Product Name : C2 Rabbit pAb**Cat.No.:** db21303**Synonyms** : CO2; ARMD14**Application** : WB**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

Component C2 is a serum glycoprotein that functions as part of the classical pathway of the complement system. Activated C1 cleaves C2 into C2a and C2b. The serine proteinase C2a then combines with complement factor 4b to create the C3 or C5 convertase. Deficiency of C2 has been reported to associated with certain autoimmune diseases and SNPs in this gene have been associated with altered susceptibility to age-related macular degeneration. This gene localizes within the class III region of the MHC on the short arm of chromosome 6. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described in publications but their full-length sequence has not been determined.[provided by RefSeq, Mar 2009]

Immunogen

A synthetic peptide of human C2

Gene ID

717

Swiss Prot

P06681

Synonyms

CO2; ARMD14

Reactivity

Human, Mouse

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

83 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.