

C4 binding protein Antibody

Rabbit mAb Catalog # AP91817

Specification

C4 binding protein Antibody - Product Information

Application WB, IHC, ICC, IP

Primary Accession P20851
Reactivity Rat

Clonality Monoclonal

Other Names C4BP; C4BPB; PRP;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 28357 Da

C4 binding protein Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

C4 binding protein

Description Controls the classical pathway of

complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement

fragment C4b.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

C4 binding protein Antibody - Protein Information

Name C4BPB

Function

Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. It also interacts with anticoagulant protein S and with serum amyloid P component. The beta chain binds protein S.

Cellular Location



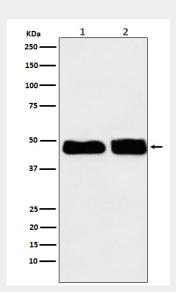
Secreted.

C4 binding protein Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C4 binding protein Antibody - Images



Western blot analysis of C4 binding protein expression in (1) Human plasma lysate; (2) Rat plasma lysate.