

Datasheet for ABIN4998481

anti-C4BP antibody (AA 1-100) (AbBy Fluor® 680)[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | C4BP |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This C4BP antibody is conjugated to AbBy Fluor® 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human C4 binding protein |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Rat,Dog |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | C4BP |
| Alternative Name: | C4 binding protein (C4BP Products) |

Target Details

Background: Synonyms: C4b binding protein beta chain, C4b-binding protein beta chain, C4BP, C4BPB, C4BPB_HUMAN, Complement component 4 binding protein beta, Complement component 4 binding protein beta chain, Complement component 4-binding protein beta, OTTHUMP00000034288, OTTHUMP00000034289, OTTHUMP00000034375, OTTHUMP0000003474, Proline rich protein, PRP.

Background: C4BPB is a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique beta-chain encoded by this gene assembles with seven identical alpha-chains into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. C4b-binding protein has a regulatory role in the coagulation system also, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serves as a cofactor of activated protein C. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Alternative splicing gives rise to multiple transcript variants

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months