



[Go to Product page](#)

Datasheet for ABIN1701590
anti-C4BP antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	C4BP
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4BP antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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 for 12 months.

Handling

Expiry Date: 12 months