

Datasheet for ABIN1712607

**anti-C4BP antibody (AA 1-100) (HRP)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	C4BP
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4BP antibody is conjugated to HRP
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 ( <a href="#">C4BP Products</a> )

## Target Details

Background:	<p>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.</p> <p>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</p>
-------------	---

## 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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Handling

---

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months