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Datasheet for ABIN7148364

**anti-C4A antibody (AA 1027-1186) (HRP)**

## Overview

Quantity:	100 µg
Target:	C4A (C4a)
Binding Specificity:	AA 1027-1186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4A antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Complement C4-A protein (1027-1186AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	C4A (C4a)
Alternative Name:	C4A ( <a href="#">C4a Products</a> )
Background:	Background: Non-enzymatic component of C3 and C5 convertases and thus essential for the propagation of the classical complement pathway. Covalently binds to immunoglobulins and

## Target Details

immune complexes and enhances the solubilization of immune aggregates and the clearance of IC through CR1 on erythrocytes. C4A isotype is responsible for effective binding to form amide bonds with immune aggregates or protein antigens, while C4B isotype catalyzes the transacylation of the thioester carbonyl group to form ester bonds with carbohydrate antigens. Aliases: Acidic C4 antibody, Acidic complement C4 antibody, Basic C4 antibody, Basic complement C4 antibody, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2 antibody, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 3 antibody, C4, Chido form antibody, C4, Rodgers form antibody, C4A anaphylatoxin antibody, C4A antibody, C4A2 antibody, C4A3 antibody, C4A4 antibody, C4A6 antibody, C4AD antibody, C4B antibody, C4B\_2 antibody, C4B1 antibody, C4B12 antibody, C4B2 antibody, C4B3 antibody, C4BD antibody, C4F antibody, C4S antibody, CH antibody, Chido form of C4 antibody, CO4 antibody, CO4A\_HUMAN antibody, Complement C4 A antibody, Complement C4 B antibody, Complement C4 gamma chain antibody, complement C4-A antibody, complement C4-B antibody, complement C4-B-like antibody, complement C4B1a antibody, Complement component 4A (Rodgers blood group) antibody, Complement component 4A antibody, complement component 4B (Chido blood group) antibody, complement component 4B (Chido blood group), copy 2 antibody, Complement component 4B (Chido blood group) antibody, Complement component 4B antibody, Complement component 4F antibody, Complement component 4S antibody, CPAMD2 antibody, CPAMD3 antibody, RG antibody, Rodgers form of C4 antibody

UniProt: [P0C0L4](#)

Pathways: [Complement System](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

## Handling

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Storage: -20 °C, -80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.