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Datasheet for ABIN7148362 anti-C4A antibody (AA 1027-1186) (Biotin)



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 Biotin
Application:	ELISA

Product Details

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

Target Details

Target:	C4A (C4a)
Alternative Name:	C4A (C4a Products)
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

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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 from 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 (Childo 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:

Pathways:

Complement System

P0C0L4

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.

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Handling

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Storage Comment:

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

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