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Datasheet for ABIN7466047
anti-C4A antibody (N-Term)

Overview

Quantity:	100 µL
Target:	C4A (C4a)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human C4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	C4A (C4a)
Alternative Name:	complement component 4A (Rodgers blood group) (C4a Products)
Background:	C4 antibody , C4A2 antibody , C4A3 antibody , C4A4 antibody , C4A6 antibody , C4S antibody ,

Target Details

CO4 antibody , CPAMD2 antibody , MGC164979 antibody , RG antibody , C4A antibody , C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2 antibody , C4A anaphylatoxin antibody , acidic C4 antibody , acidic complement C4 antibody , Rodgers form of C4 antibody , complement C4-A antibody , complement component 4A (Rodgers blood group) antibody, This gene encodes the acidic form of complement factor 4, part of the classical activation pathway. The protein is expressed as a single chain precursor which is proteolytically cleaved into a trimer of alpha, beta, and gamma chains prior to secretion. The trimer provides a surface for interaction between the antigen-antibody complex and other complement components. The alpha chain may be cleaved to release C4 anaphylatoxin, a mediator of local inflammation. Deficiency of this protein is associated with systemic lupus erythematosus and type I diabetes mellitus. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. Varying haplotypes of this gene cluster exist, such that individuals may have 1, 2, or 3 copies of this gene. [provided by RefSeq]

Molecular Weight: 193 kDa

Gene ID: 720

Pathways: [Complement System](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.52 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C, -20 °C

Handling

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.