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# Datasheet for ABIN7261564 anti-Complement Factor I antibody

Image



Overview

Quantity:	200 µL
Target:	Complement Factor I (CFI)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Complement Factor I antibody is un-conjugated
Application:	Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein of human CFI (NP_000195.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Target Details	
Target:	Complement Factor I (CFI)
Alternative Name:	CFI (CFI Products)
Background:	This gene encodes a serine proteinase that is essential for regulating the complement cascade. The encoded preproprotein is cleaved to produce both heavy and light chains, which are linked

by disulfide bonds to form a heterodimeric glycoprotein. This heterodimer can cleave and

inactivate the complement components C4b and C3b, and it prevents the assembly of the C3

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### Target Details

	and C5 convertase enzymes. Defects in this gene cause complement factor I deficiency, an
	autosomal recessive disease associated with a susceptibility to pyogenic infections. Mutations
	in this gene have been associated with a predisposition to atypical hemolytic uremic syndrome,
	a disease characterized by acute renal failure, microangiopathic hemolytic anemia and
	thrombocytopenia. Primary glomerulonephritis with immune deposits and age-related macular
	degeneration are other conditions associated with mutations of this gene.
Gene ID:	3426
UniProt:	P05156

Pathways:

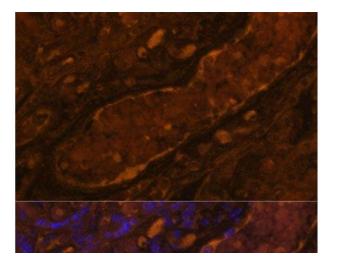
Complement System

### Application Details

Application Notes:	IF 1:50-1:100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Human placenta using CFI Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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