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Datasheet for ABIN1390675 anti-C1QC antibody (AA 81-180) (Biotin)



Overview

Quantity:	100 µL	
Target:	C1QC	
Binding Specificity:	AA 81-180	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C1QC antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1QC
lsotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	C1QC
Alternative Name:	C1QC/C1QG (C1QC Products)

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Target Details	
Background:	Synonyms: C1Q C, C1qc, C1QC_HUMAN, C1QG, Complement C1q subcomponent subunit C,
	Complement component 1, q subcomponent, C chain, complement component 1, q
	subcomponent, gamma polypeptide, Al385742.
	Background: C1q, a subcomponent of the classical complement pathway, is composed of nine
	subunits that mediate classical complement activation and thereby play an important role in
	the immune response. Six of these subunits are disulfide-linked dimers of chains A and B, while
	three of these subunits, designated C1q-A through C1q-C, are disulfide-linked dimers of chain C.
	The presence of receptors for C1q on effector cells modulates its activity, which may be
	antibody-dependent or independent. Macrophages are the primary source of C1q, while anti-
	inflammatory drugs as well as cytokines differentially regulate expression of the mRNA, as well
	as the protein. However, its ability to modulate the interaction of platelets with collagen and
	immune complexes suggests C1q influences homeostasis as well as other immune activities,
	and perhaps thrombotic complications resulting from immune injury. Defects in C1q-A, C1q-B
	and C1q-C cause inactivation of the classical pathway, leading to a rare genetic disorder
	characterized by lupus-like symptoms.
Pathways:	Complement System
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.
Storage:	-20 °C
-	

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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