

Rabbit C1q Polyclonal Antibody | anti-C1q antibody

C1q /FITC, Rpab

CATALOG # AAA59321	HOST Rabbit	APPLICATIONS Immunohistochemistry
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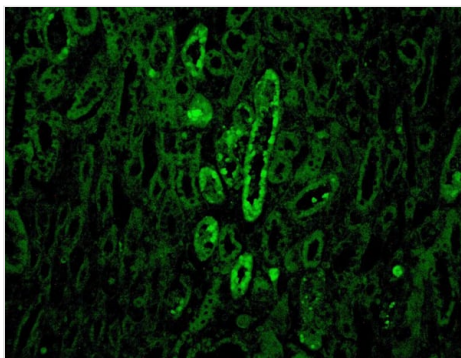
PRODUCT SYNONYMS

C1q; Polyclonal Antibody; C1q /FITC; Rpab; anti-C1q antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Concentrate or Prediluted
Applicable Applications for anti-C1q antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to the C-terminus region of human C1QA.
Localization	Cytoplasmic, Membranous
Control	Kidney, Cervix, Spleen, Lupus Erythematosus
Preparation and Storage	Store at 2-8 degree C in the dark.

IMAGES



IF (Immunofluorescence)
IF of C1q on a FFPE Lupus Positive Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-C1q antibody	The complement component 1q (C1q) is a protein complex involved in the complement system, which is part of the innate immune system. C1q together with C1r and C1s form the C1 complex. Antibodies of the adaptive immune system can bind antigen, forming an antigen-antibody complex. When C1q binds antigen antibody complexes, the C1 complex becomes activated. Activation of the C1 complex initiates the classical complement pathway of the complement system. C1q nephropathy is a rare glomerular disease with characteristic mesangial C1q deposition noted on IHC or IF microscopy. It is histologically defined and poorly understood. Light microscopic features are heterogeneous and comprise minimal change disease (MCD), focal segmental glomerulosclerosis (FSGS), and proliferative glomerulonephritis. Clinical presentation is also diverse, and ranges from asymptomatic hematuria or proteinuria to frank nephritic or nephrotic syndrome in both children and adults. Hypertension and renal insufficiency at the time of identification are common findings. Lupus nephritis is an inflammation of the kidneys caused by Systemic Lupus Erythematosus. Immunofluorescence reveals positively for IgG, IgA, IgM, C3, and C1q.
Product Categories/Family for anti-C1q antibody	Direct Immunofluorescence Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c1q-antibody-immunohistochemistry-elisa/59321>