

Rabbit anti-Human Complement C9 Polyclonal Antibody | anti-C9 antibody

Anti-Complement C9 Antibody (aa181-230)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162350	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

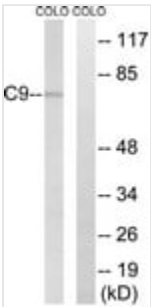
Complement C9; Polyclonal Antibody; Anti-Complement C9 Antibody (aa181-230); Mouse Monoclonal (IgG1; k) to Human Complement C9; C9; Complement component 9; Complement component C9; anti-C9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	C9 Antibody detects endogenous levels of total C9 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	559
Applicable Applications for anti-C9 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Raised against synthetic peptide from human C9 (AA Range: 181-230).
Target	Complement C9
Immunogen Species	Complement C9 antibody was raised against Human
Epitope	aa181-230
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

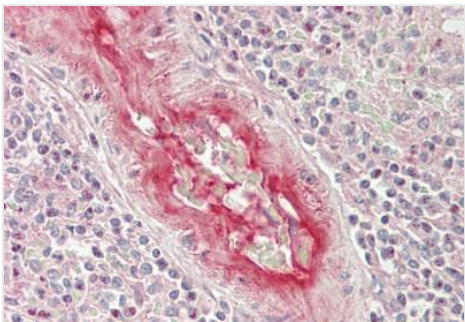
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Store at -20°C for up to one year.

IMAGES



WB (Western Blot)

Western blot of extracts from COLO cells, using C9 Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-C9 antibody	Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.
Product Categories/Family for anti-C9 antibody	Complement Component

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502511
NCBI GeneID	735
NCBI Accession #	NP_001728.1
NCBI GenBank Nucleotide #	NM_001737.4
UniProt Accession #	P02748
Molecular Weight	Predicted: 63kDa
NCBI Official Full Name	complement component C9 preproprotein
NCBI Official Synonym Full Names	complement C9
NCBI Official Symbol	C9
NCBI Official Synonym Symbols	C9D; ARMD15
NCBI Protein Information	complement component C9
UniProt Protein Name	Complement component C9
UniProt Gene Name	C9

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/complement-c9-antibody-western-blot-immunohistochemistry-elisa/162350>