

Rabbit C1QC Polyclonal Antibody | anti-C1QC antibody

C1QC Antibody

CATALOG # AAA324631	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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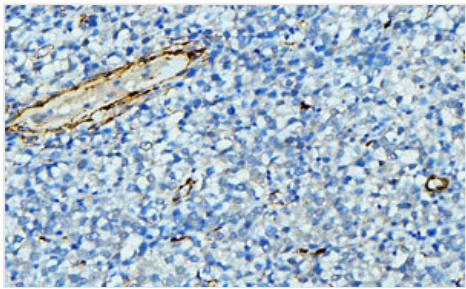
PRODUCT SYNONYMS

C1QC; Polyclonal Antibody; C1QC Antibody; AI385742; C1Q C; C1qc; C1QC_HUMAN; C1QG; Complement C1q subcomponent subunit C; Complement component 1; q subcomponent; C chain; complement component 1; gamma polypeptide; anti-C1QC antibody

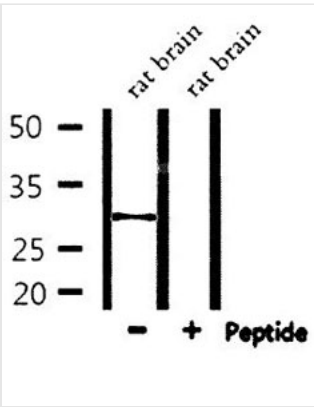
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	C1QC antibody detects endogenous levels of total C1QC
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	245
Applicable Applications for anti-C1QC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Extracellular Region or Secreted
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (91%), Horse (100%), Sheep (91%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA324631 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from rat brain, using C1QC Ab.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QC antibody	Function: C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca²⁺-dependent C1r2C1s2 proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes. Subunit Structure: C1 is a calcium-dependent trimolecular complex of C1q, R and S in the molar ratio of 1:2:2. C1q subcomponent is composed of nine subunits, six of which are disulfide-linked dimers of the A and B chains, and three of which are disulfide-linked dimers of the C chain. Post-translational Modifications: O-linked glycans consist of Glc-Gal disaccharides bound to the oxygen atom of post-translationally added hydroxyl groups.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166235903
NCBI GeneID	714
NCBI Accession #	NP_001107573.1
NCBI GenBank Nucleotide #	NM_001114101.2
UniProt Accession #	P02747; Q7Z502; Q96DL2; Q96H05
Molecular Weight	30 kD
NCBI Official Full Name	complement C1q subcomponent subunit C isoform 1
NCBI Official Synonym Full Names	complement C1q C chain
NCBI Official Symbol	C1QC
NCBI Official Synonym Symbols	C1QG; C1Q-C
NCBI Protein Information	complement C1q subcomponent subunit C
UniProt Protein Name	Complement C1q subcomponent subunit C
UniProt Gene Name	C1QC
UniProt Synonym Gene Names	C1QG

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.