Rabbit anti-Human C1QB Polyclonal Antibody | anti-C1QB antibody

C1QB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324630	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

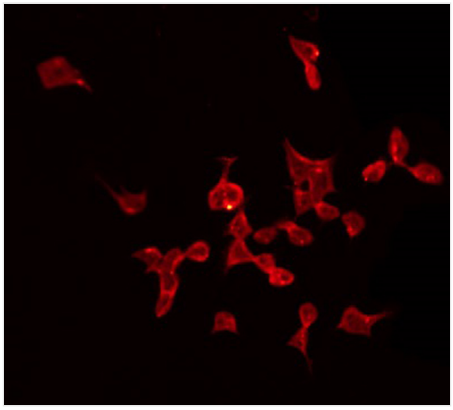
PRODUCT SYNONYMS

C1QB; Polyclonal Antibody; C1QB Antibody; C1qb; C1QB_HUMAN; Complement C1q subcomponent subunit B; Complement component 1 q subcomponent B chain; Complement component 1 q subcomponent beta polypeptide; Complement component C1q B chain; Complement subcomponent C1q chain B; anti-C1QB antibody

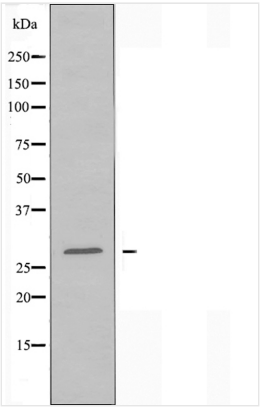
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	C1QB antibody detects endogenous levels of total C1QB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-C1QB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Extracellular Region or Secreted
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324630 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using C1QB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QB 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, c1r and C1s in the molar ration 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: Hydroxylated on lysine and proline residues. Hydroxylated lysine residues can be glycosylated. Human C1Q contains up to 68.3 hydroxylysine-galactosylglucose residues and up to 2.5 hydroxylysine-galactose per molecule. Total percentage hydroxylysine residues glycosylated is 86.4%.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87298828
NCBI GeneID	713
NCBI Accession #	NP_000482.3
NCBI GenBank Nucleotide #	NM_000491.4
UniProt Accession #	P02746; Q5T959; Q96H17
Molecular Weight	Observed: 28 kD Predicted: 27 kDa
NCBI Official Full Name	complement C1q subcomponent subunit B
NCBI Official Synonym Full Names	complement C1q B chain
NCBI Official Symbol	C1QB
NCBI Protein Information	complement C1q subcomponent subunit B
UniProt Protein Name	Complement C1q subcomponent subunit B
UniProt Gene Name	**C1QB**

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.