

Rabbit C1QB Polyclonal Antibody | anti-C1QB antibody

C1QB antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199420	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

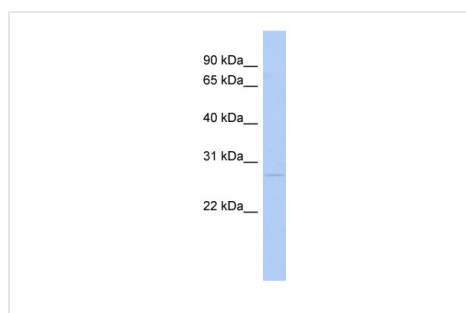
PRODUCT SYNONYMS

C1QB; Polyclonal Antibody; C1QB antibody - middle region; anti-C1QB antibody

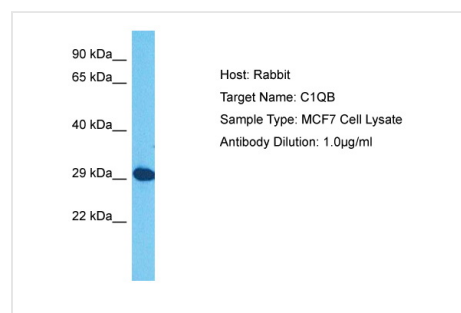
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PG PKGESGDYKA TQKIAFSATR TINVPLRRDQ TIRFDHVITN MNNYEPR
Sequence Length	253
Applicable Applications for anti-C1QB antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 79%; Pig: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human C1QB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-C1QB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Stomach


WB (Western Blot)

Host: Rabbit
Target Name: C1QB
Sample Tissue: Human MCF7 Whole Cell
Antibody Dilution: 1 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-C1QB antibody	This is a rabbit polyclonal antibody against C1QB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the B-chain polypeptide of human complement subcomponent C1q. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-C1QB antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	87298828
NCBI GeneID	713
NCBI Accession #	NP_000482
NCBI GenBank Nucleotide #	NM_000491
UniProt Accession #	P02746
Molecular Weight	27kDa
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
UniProt Entry Name	C1QB_HUMAN

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.