



C1q-B rabbit pAb

Cat No.:ES1807

For research use only

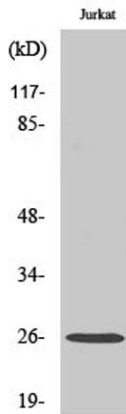
Overview

Product Name	C1q-B rabbit pAb
Host species	Rabbit
Applications	WB;Flow Cyt;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;Flow Cyt 1:50-200;IHC-p 1:100-500;IF/ICC 1:100-500;ELISA 1:5000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from human C1QB. AA range:161-210
Specificity	C1q-B Polyclonal Antibody detects endogenous levels of C1q-B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Complement C1q subcomponent subunit B
Gene Name	C1QB
Cellular localization	Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	713
Human Swiss-Prot Number	P02746
Alternative Names	C1QB; Complement C1q subcomponent subunit B
Background	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



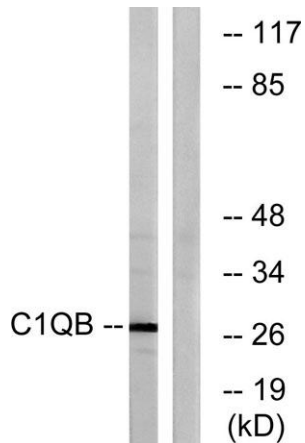
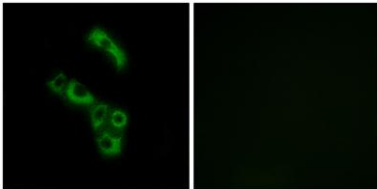


B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the B-chain polypeptide of human complement subcomponent C1q [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using C1q-B Polyclonal Antibody diluted at 1:1000

Immunofluorescence analysis of A549 cells, using C1QB Antibody. The picture on the right is blocked with the synthesized peptide.

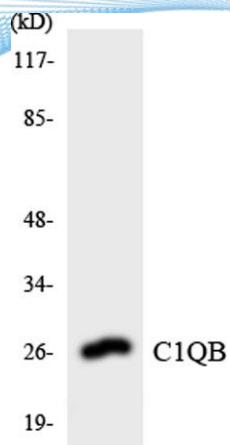


Western blot analysis of lysates from Jurkat cells, using C1QB Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from Jurkat cells using C1QB antibody.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C