

Cleaved-C1r HC (R463) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP01880

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human C1R. AA range:414-463

Mol wt 80174

Species reactivity Human

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Cleaved-C1r HC (R463) Antibody

Synonyms C1R; Complement C1r subcomponent; Complement component 1 subcomponent r

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

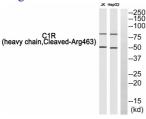
The first component of complement is a calcium-dependent complex of the 3 subcomponents C1q, C1r, and C1s. The serine protease subunits C1r and C1s form a Ca(2+)-dependent C1s-C1r-C1s tetramer. C1r acts by transforming the activation signal into an enzymic activity. C1r is a single-chain glycoprotein which can be cleaved into an A chain and a B chain upon activation. This antibody recognizes full-length C1r chain and the cleaved B chain.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of C1R (heavy chain, Cleaved-Arg463) Antibody. The lane on the right is blocked with the C1R (heavy chain, Cleaved-Arg463) peptide.

Storage

-20°C for one year