

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-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