

C3aR Polyclonal Antibody

Description

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|-------------------------|---------------------------------------------------------------------------------------------------|
| Product type | Primary Antibody |
| Code | BT-AP01046 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human C3AR1. AA range:175-224 |
| Mol wt | 53864 |
| Species reactivity | Human |
| Clonality | Polyclonal |
| Recommended application | IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | C3aR Antibody |
| Synonyms | C3AR1; AZ3B; C3R1; HNFAG09; C3a anaphylatoxin chemotactic receptor; C3AR; C3a-R |

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

Background

C3a (complement C3a receptor 1) is an anaphylatoxin released during activation of the complement system. The protein encoded by C3AR1 is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization.

Recommended Dilution

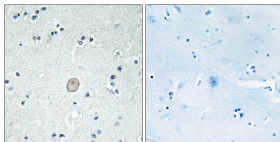
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

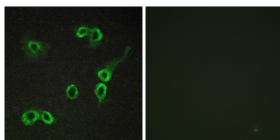
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using C3AR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of COS7 cells, using C3AR1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year