

产品名称: C3aR Rabbit Polyclonal Antibody
产品货号: APRab07746



产品概述 (Summary)

产品名称 (Production Name)	C3aR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	C3AR1
别名 (Alternative Names)	C3AR1; AZ3B; C3R1; HNFAG09; C3a anaphylatoxin chemotactic receptor; C3AR; C3a-R
基因 ID (Gene ID)	719.0
蛋白 ID (SwissProt ID)	Q16581. The antiserum was produced against synthesized peptide derived from human C3AR1. AA range: 175-224

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

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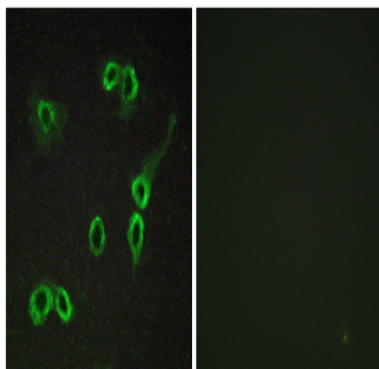
研究背景 (Background)

C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene 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. [provided by RefSeq, May 2016],function:Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.,PTM:Among the sulfation sites Tyr-174 is essential for binding of C3a anaphylatoxin.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Widely expressed in several differentiated hematopoietic cell lines, in the lung, spleen, ovary, placenta, small intestine, throughout the brain, heart, and endothelial cells. Mostly expressed in lymphoid tissues,.

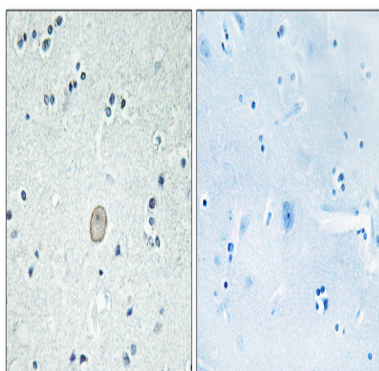
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;Complement and coagulation cascades;

图片 (Image Data)



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



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

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注意事项 (Note)

For research use only .