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Anti-C5AR2 / GPR77 / C5L2 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17495

Product Information

Application	IHC-P
Primary Accession	Q9P296
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36080
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	27202
Alias Symbol	C5AR2
Other Names	C5AR2, G-protein coupled receptor 77, GPF77, GPR77, C5L2, G protein-coupled receptor 77
Target/Specificity	Human C5L2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-C5AR2 / GPR77 / C5L2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	C5AR2
Synonyms	C5L2 {ECO:0000303|PubMed:11090875}, GPR7
Function	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a, stimulating chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production (PubMed:11773063). Also acts as a receptor for dearginated forms of C3a, C4a and C5a anaphylatoxin peptides (ASP/C3adesArg, C4adesArg and C5adesArg, respectively) (PubMed:12540846, PubMed:15833747, PubMed:19615750). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate cyclase (PubMed:12540846). C5AR1 is coupled to G(i)/G(o) (GNAI1 or GNAO1) G alpha proteins and mediates inhibition of adenylate cyclase (PubMed:12540846).

Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Frontal cortex, hippocampus, hypothalamus, pons and liver.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.