
Product Name: CD88 (phospho Ser338) Rabbit Polyclonal Antibody**Catalog #: APRab04410**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000

Molecular Weight

Antigen Information

Gene Name	C5AR1
Alternative Names	C5AR1; C5AR; C5R1; C5a anaphylatoxin chemotactic receptor; C5a-R; C5aR; CD antigen CD88
Gene ID	728.0
SwissProt ID	P21730
Immunogen	The antiserum was produced against synthesized peptide derived from human CD88/C5aR around the phosphorylation site of Ser338. AA range:301-350

Background

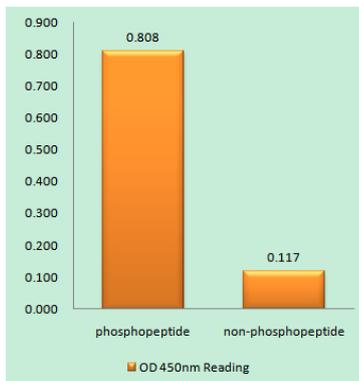
function:Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis,

granule enzyme release and superoxide anion production.,PTM:Sulfation plays a critical role in the association of the receptor with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small peptide agonist.,similarity:Belongs to the G-protein coupled receptor 1 family.,function:Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.,PTM:Sulfation plays a critical role in the association of the receptor with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small peptide agonist.,similarity:Belongs to the G-protein coupled receptor 1 family.,

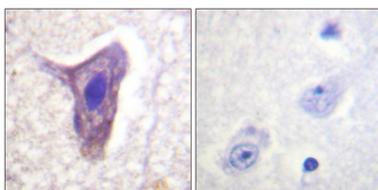
Research Area

Neuroactive ligand-receptor interaction;Complement and coagulation cascades;

Image Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using CD88/C5aR (Phospho-Ser338) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using CD88/C5aR (Phospho-Ser338) Antibody. The picture on the right is blocked with the phospho peptide.