Product Name: GPR18 Rabbit Polyclonal Antibody
Catalog #: APRab11663
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
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	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	34kDa

Antigen Information

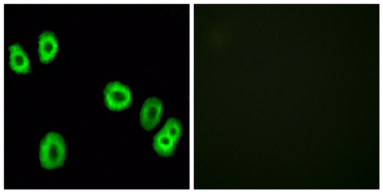
Gene Name	GPR18
Alternative Names	GPR18; GPCRW; N-arachidonyl glycine receptor; NAGly receptor; G-protein coupled receptor 18
Gene ID	2841.0
SwissProt ID	Q14330
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR18. AA range:191-240

Background

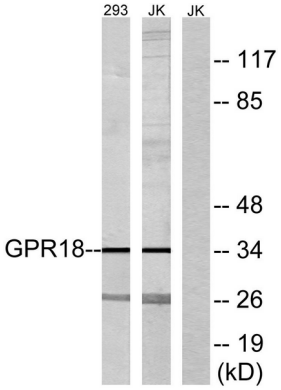
function:Receptor for N-arachidonyl glycine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. May contribute to regulation of the immune system.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Most abundant in testis and spleen. Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells.,function:Receptor for N-arachidonyl glycine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. May contribute to regulation of the immune system.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Most abundant in testis and spleen. Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells.,

Research Area

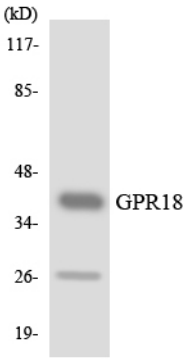
Image Data



Immunofluorescence analysis of HUVEC cells, using GPR18 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 and Jurkat cells, using GPR18 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECcells using GPR18 antibody.