Product Name: GPR116 Rabbit Polyclonal Antibody
Catalog #: APRab11629
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
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	150kDa

Antigen Information

Gene Name	GPR116
Alternative Names	GPR116; KIAA0758; Probable G-protein coupled receptor 116
Gene ID	221395.0
SwissProt ID	Q8IZF2
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR116. AA range:11-60

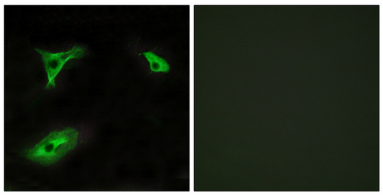
Background

function:May have a role in the regulation of acid-base balance.,PTM:Proteolytically cleaved into 2 highly conserved sites: one

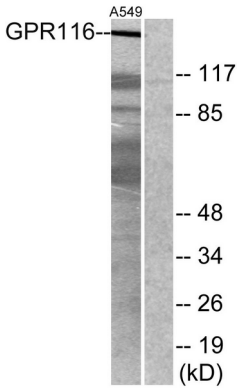
in the SEA domain and the other in the stalk domain region preceding the first transmembrane. The later 2 subunits, the extracellular subunit and the seven-transmembrane subunit, remain tightly associated and non-covalently linked.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 SEA domain.,similarity:Contains 3 Ig-like (immunoglobulin-like) domains.,subunit:Exists as disulfide-linked dimers at the cell surface.,function:May have a role in the regulation of acid-base balance.,PTM:Proteolytically cleaved into 2 highly conserved sites: one in the SEA domain and the other in the stalk domain region preceding the first transmembrane. The later 2 subunits, the extracellular subunit and the seven-transmembrane subunit, remain tightly associated and non-covalently linked.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 SEA domain.,similarity:Contains 3 Ig-like (immunoglobulin-like) domains.,subunit:Exists as disulfide-linked dimers at the cell surface.,

Research Area

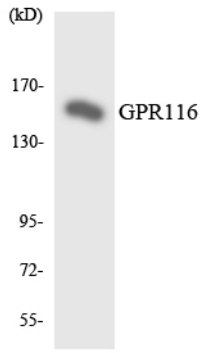
Image Data



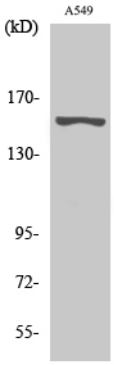
Immunofluorescence analysis of HeLa cells, using GPR116 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using GPR116 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using GPR116 antibody.



Western Blot analysis of various cells using GPR116 Polyclonal Antibody diluted at 1 : 500