ELK Biotechnology

GPR116 rabbit pAb

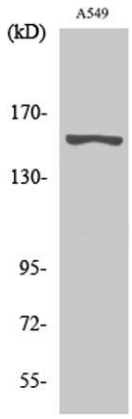
Cat No.:ES2450

For research use only

Overview

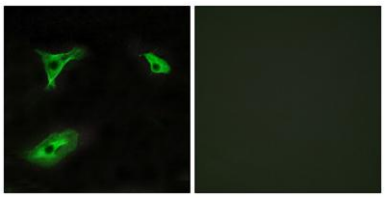
Product Name	GPR116 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR116. AA range:11-60
Specificity	GPR116 Polyclonal Antibody detects endogenous levels of GPR116 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Probable G-protein coupled receptor 116
Gene Name	GPR116
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	150kD
Human Gene ID	221395
Human Swiss-Prot Number	Q8IZF2
Alternative Names	GPR116; KIAA0758; Probable G-protein coupled receptor 116
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.,

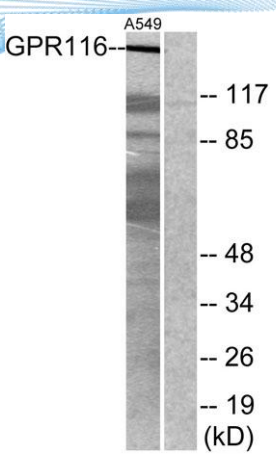


Western Blot analysis of various cells using GPR116 Polyclonal Antibody diluted at 1:500

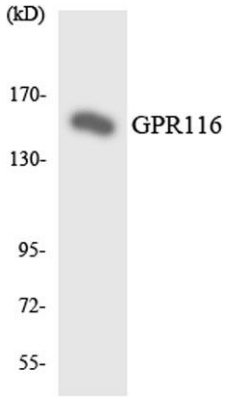
Immunofluorescence analysis of HeLa cells, using GPR116 Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com
23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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.

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