ELK Biotechnology

GPR105 rabbit pAb

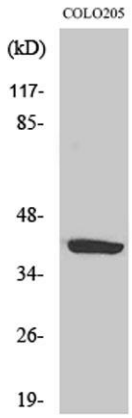
Cat No.:ES2445

For research use only

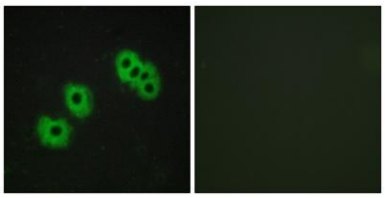
Overview

Product Name	GPR105 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR105. AA range:146-195
Specificity	GPR105 Polyclonal Antibody detects endogenous levels of GPR105 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	P2Y purinoceptor 14
Gene Name	P2RY14
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	39kD
Human Gene ID	9934
Human Swiss-Prot Number	Q15391
Alternative Names	P2RY14; GPR105; KIAA0001; P2Y purinoceptor 14; P2Y14; G-protein coupled receptor 105; UDP-glucose receptor
Background	The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological

selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008],



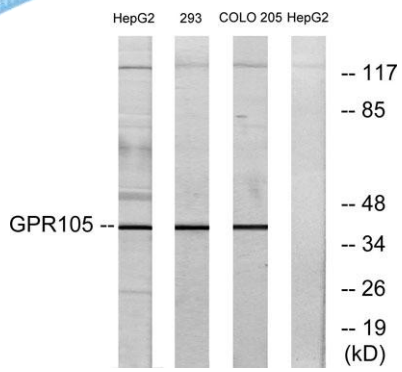
Western Blot analysis of various cells using GPR105 Polyclonal Antibody



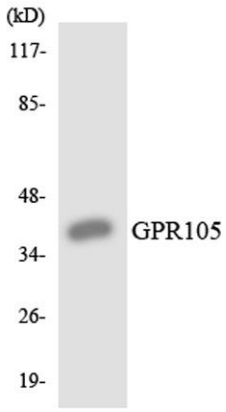
Immunofluorescence analysis of MCF7 cells, using GPR105 Antibody. The picture on the right is blocked with the synthesized peptide.

+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 293, COLO205, and HepG2 cells, using GPR105 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using GPR105 antibody.

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