

GPR100 Polyclonal Antibody

Catalog No :	YT1947
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	GPR100
Fields :	>>Neuroactive ligand-receptor interaction;>>Relaxin signaling pathway
Gene Name :	RXFP4
Protein Name :	Relaxin-3 receptor 2
Human Gene Id :	339403
Human Swiss Prot No :	Q8TDU9
Mouse Swiss Prot No :	Q7TQP4
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR100. AA range:321-370
Specificity :	GPR100 Polyclonal Antibody detects endogenous levels of GPR100 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 38kD

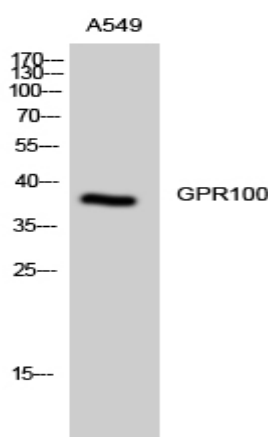
Background : GPR100 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008],

Function : function:Receptor for relaxin-3, as well as bradykinin and kallidin. Binding of the ligand inhibit cAMP accumulation.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in a broader range of tissues including brain, kidney, testis, thymus, placenta, prostate, salivary gland, thyroid and colon.,

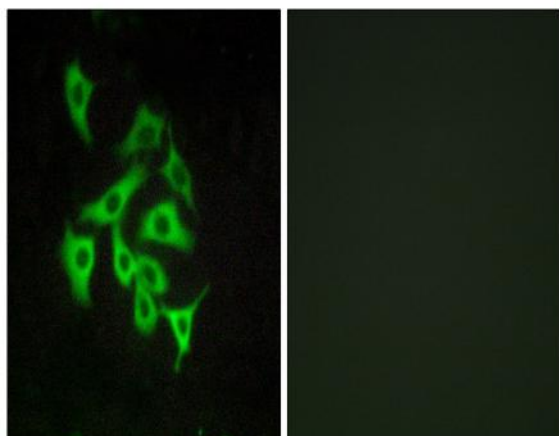
Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Expressed in a broader range of tissues including brain, kidney, testis, thymus, placenta, prostate, salivary gland, thyroid and colon.

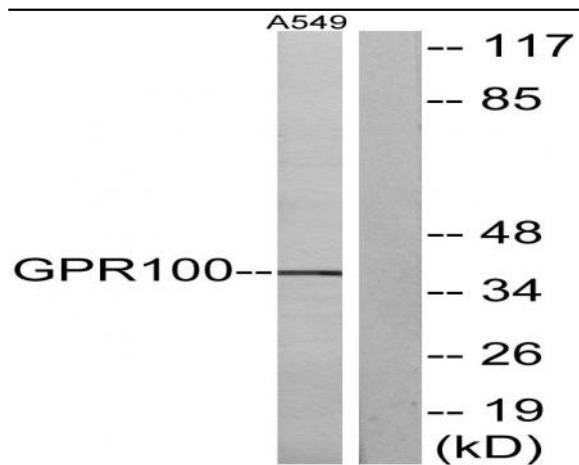
Products Images



Western Blot analysis of A549 cells using GPR100 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using GPR100 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using GPR100 Antibody. The lane on the right is blocked with the synthesized peptide.