



# GPR100 rabbit pAb

Cat No.:ES5814

For research use only

## Overview

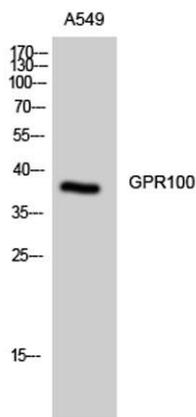
<b>Product Name</b>	GPR100 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR100. AA range:321-370
<b>Specificity</b>	GPR100 Polyclonal Antibody detects endogenous levels of GPR100 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Relaxin-3 receptor 2
<b>Gene Name</b>	RXFP4
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	38kD
<b>Human Gene ID</b>	339403
<b>Human Swiss-Prot Number</b>	Q8TDU9
<b>Alternative Names</b>	RXFP4; GPR100; RLN3R2; Relaxin-3 receptor 2; RLN3 receptor 2; G-protein coupled receptor 100; G-protein coupled receptor GPCR142; Insulin-like peptide INSL5 receptor; Relaxin family peptide receptor 4
<b>Background</b>	GPR100 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al.,



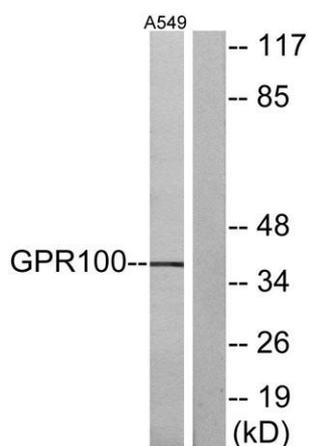
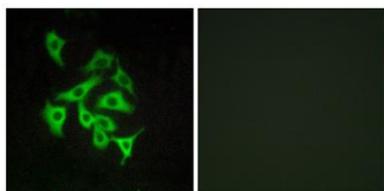


2003 [PubMed 14623098].[supplied by OMIM, Mar 2008],

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.

