

## Relaxin Receptor 4 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07743
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RXFP4. AA range:322-371
<b>Mol wt</b>	41141
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Relaxin Receptor 4 Antibody
<b>Synonyms</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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

GPR100 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) and acts as a high affinity receptor for INSL5. Also acts as receptor for RLN3/relaxin-3, as well as bradykinin and kallidin. Binding of the ligand inhibits cAMP accumulation.

### Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunofluorescence analysis of A549 cells, using RXFP4 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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