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# RXFP4 antibody - C-terminal region
**Rabbit Polyclonal Antibody**
**Catalog # AI15165**

## Specification

### RXFP4 antibody - C-terminal region - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q8TDU9 |
| Other Accession | NM_181885, NP_871001 |
| Reactivity | **Human, Pig** |
| Predicted | **Human, Pig** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **41kDa KDa** |

### RXFP4 antibody - C-terminal region - Additional Information

**Gene ID** 339403

| | |
|---|---|
| Alias Symbol | **GPCR142, GPR100, MGC126556, MGC126558, RLN3R2, RXFPR4** |

**Other Names**
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, RXFP4, GPR100, RLN3R2

**Format**
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**
Add 50 ul of distilled water. Final anti-RXFP4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**
RXFP4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

### RXFP4 antibody - C-terminal region - Protein Information

**Name** RXFP4

**Synonyms** GPCR142, GPR100, RLN3R2

**Function**
High affinity receptor for INSL5. Also acts as a receptor for RLN3/relaxin-3, as well as bradykinin and kallidin. Binding of the ligand inhibit cAMP accumulation.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

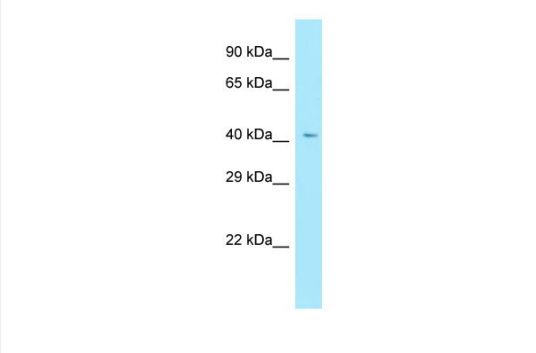
**Tissue Location**
Expressed in a broader range of tissues including brain, kidney, testis, thymus, placenta, prostate, salivary gland, thyroid and colon.

## RXFP4 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## RXFP4 antibody - C-terminal region - Images




WB Suggested Anti-RXFP4 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

## RXFP4 antibody - C-terminal region - References

Liu C.,et al.J. Biol. Chem. 278:50765-50770(2003).
Fredriksson R.,et al.FEBS Lett. 554:381-388(2003).
Boels K.,et al.Br. J. Pharmacol. 140:932-938(2003).
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Takeda S.,et al.FEBS Lett. 520:97-101(2002).