

RXFP1/ LGR7 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10132**Specification**

RXFP1/ LGR7 Antibody (C-Terminus) - Product Information

Application	IHC-P
Primary Accession	Q9HBX9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87kDa KDa
Dilution	IHC-P~~N/A

RXFP1/ LGR7 Antibody (C-Terminus) - Additional Information**Gene ID** 59350**Other Names**

Relaxin receptor 1, Leucine-rich repeat-containing G-protein coupled receptor 7, Relaxin family peptide receptor 1, RXFP1, LGR7

Target/Specificity

Human RXFP1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ANGPT2 (47%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

RXFP1/ LGR7 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RXFP1/ LGR7 Antibody (C-Terminus) - Protein Information**Name** RXFP1**Synonyms** LGR7**Function**

Receptor for relaxins. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. Binding of the ligand may also activate a tyrosine kinase pathway that inhibits the activity of a phosphodiesterase that degrades cAMP.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed in the brain, kidney, testis, placenta, uterus, ovary, adrenal, prostate, skin and heart.
Not detected in spleen.

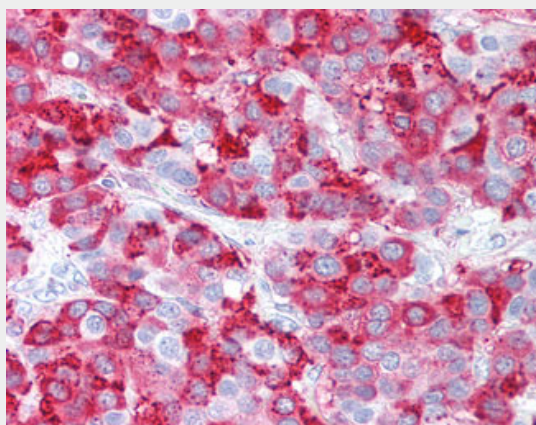
Volume

50 µl

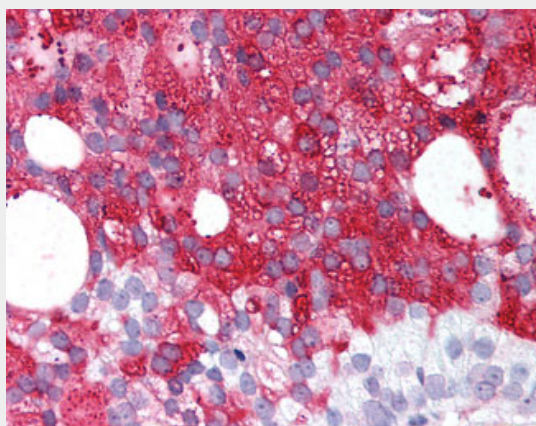
RXFP1/ LGR7 Antibody (C-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RXFP1/ LGR7 Antibody (C-Terminus) - Images

Anti-RXFP1/ LGR7 antibody IHC of human Breast, Carcinoma.



Anti-RXFP1/ LGR7 antibody IHC of human Prostate, Carcinoma.

RXFP1/ LGR7 Antibody (C-Terminus) - Background

Receptor for relaxins. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. Binding of the ligand may also activate a tyrosine kinase pathway that inhibits the activity of a phosphodiesterase that degrades cAMP.

RXFP1/ LGR7 Antibody (C-Terminus) - References

Hsu S.Y.,et al.Mol. Endocrinol. 14:1257-1271(2000).
Muda M.,et al.Mol. Hum. Reprod. 11:591-600(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
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