

RXFP2 / LGR8 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10780**Specification**

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Product Information

Application	WB, IHC-P
Primary Accession	Q8WXD0
Reactivity	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 122042**Other Names**

Relaxin receptor 2, G-protein coupled receptor 106, G-protein coupled receptor affecting testicular descent, Leucine-rich repeat-containing G-protein coupled receptor 8, Relaxin family peptide receptor 2, RXFP2, GPR106, GREAT, LGR8

Target/Specificity

Human RXFP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Protein Information**Name** RXFP2**Synonyms** GPR106, GREAT, LGR8**Function**

Receptor for relaxin. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. May also be a receptor for Leydig insulin-like peptide (INSL3).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed mainly in the brain, kidney, muscle, testis, thyroid, uterus, peripheral blood cells and bone marrow

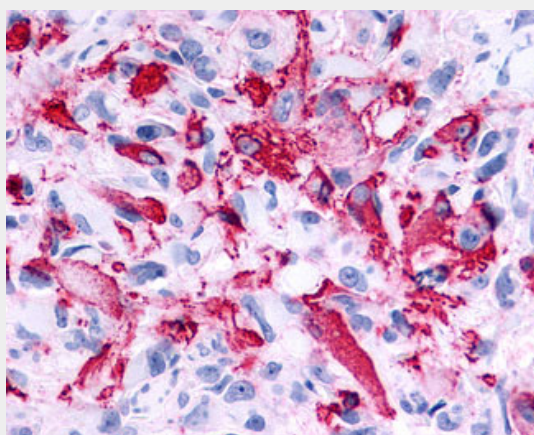
Volume

50 µl

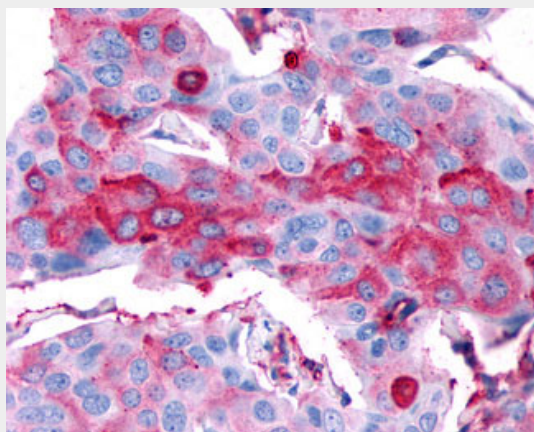
RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Protocols

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

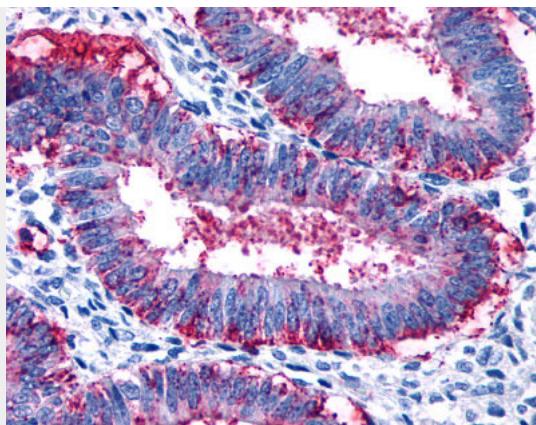
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Images

Anti-RXFP2 / LGR8 antibody IHC of human Brain, Glioblastoma.



Anti-RXFP2 / LGR8 antibody IHC of human Breast, Carcinoma.



Anti-RXFP2 antibody ALS10780 IHC of human uterus.

RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - Background

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RXFP2 / LGR8 Antibody (Cytoplasmic Domain) - References

- Hsu S.Y.,et al.Science 295:671-674(2002).
Gorlov I.P.,et al.Hum. Mol. Genet. 11:2309-2318(2002).
Muda M.,et al.Mol. Hum. Reprod. 11:591-600(2005).
Dunham A.,et al.Nature 428:522-528(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.