

RXFP3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19132b

Specification

RXFP3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9NSD7
Other Accession	NP_057652.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51124
Antigen Region	404-432

RXFP3 Antibody (C-term) - Additional Information

Gene ID 51289

Other Names

Relaxin-3 receptor 1, RLN3 receptor 1, G protein-coupled receptor SALPR, G-protein coupled receptor GPCR135, Relaxin family peptide receptor 3, Somatostatin- and angiotensin-like peptide receptor, RXFP3, RLN3R1, SALPR

Target/Specificity

This RXFP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 404-432 amino acids from the C-terminal region of human RXFP3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RXFP3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RXFP3 Antibody (C-term) - Protein Information

Name RXFP3

Synonyms GPCR135, RLN3R1, SALPR

Function Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

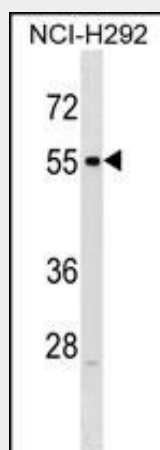
Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis

RXFP3 Antibody (C-term) - 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](#)

RXFP3 Antibody (C-term) - Images



RXFP3 Antibody (C-term) (Cat. #AP19132b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the RXFP3 antibody detected the RXFP3 protein (arrow).

RXFP3 Antibody (C-term) - Background

RXFP3 is a receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation.

RXFP3 Antibody (C-term) - References

Huang, Y.W., et al. Gynecol. Oncol. 117(2):239-247(2010)
van der Westhuizen, E.T., et al. Mol. Pharmacol. 77(5):759-772(2010)
Hossain, M.A., et al. Chem Biol Drug Des 73(1):46-52(2009)

Zhu, J., et al. Eur. J. Pharmacol. 590 (1-3), 43-52 (2008) :
Hossain, M.A., et al. J. Biol. Chem. 283(25):17287-17297(2008)