

RXFP3 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10447**Specification**

RXFP3 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q9NSD7
Reactivity	Human, Hamster
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa
Dilution	IHC-P~~N/A

RXFP3 Antibody (Cytoplasmic Domain) - 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

Human RXFP3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except VGLL4 (45%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

RXFP3 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

RXFP3 Antibody (Cytoplasmic Domain) - 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

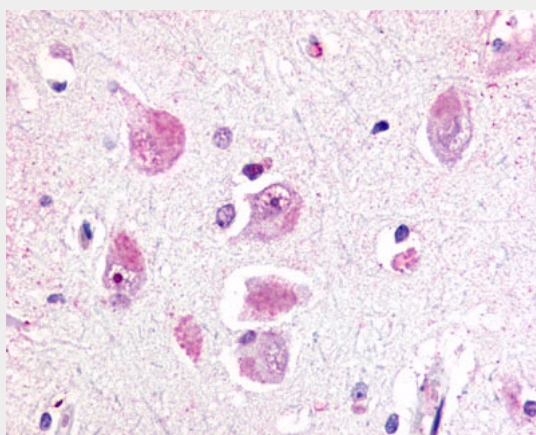
Volume
50 µl

RXFP3 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](#)

RXFP3 Antibody (Cytoplasmic Domain) - Images



Anti-RXFP3 antibody ALS10447 IHC of human brain, neurons and glia.

RXFP3 Antibody (Cytoplasmic Domain) - Background

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

RXFP3 Antibody (Cytoplasmic Domain) - References

Matsumoto M., et al. Gene 248:183-189(2000).
Kopatz S.A., et al. Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Liu C., et al. J. Biol. Chem. 278:50754-50764(2003).