

QRFPR / GPR103 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10467**Specification**

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	Q96P65
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 84109**Other Names**

Pyroglutamylated RFamide peptide receptor, AQ27, G-protein coupled receptor 103, Orexigenic neuropeptide QRFPR receptor, SP9155, QRFPR, GPR103

Target/Specificity

Human QRFPR / GPR103. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

QRFPR / GPR103 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - Protein Information**Name** QRFPR**Synonyms** GPR103**Function**

Receptor for the orexigenic neuropeptide QRFPR. The activity of this receptor is mediated by G proteins that modulate adenylate cyclase activity and intracellular calcium levels.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed widely in the brain with high levels in the hypothalamus, trigeminal ganglia and vestibular neurons, and moderate levels in the amygdala, cortex, pituitary, hippocampus,

thalamus, caudate nucleus and medulla oblongata. In peripheral tissues, expressed at high levels in the retina and at moderate levels in the heart, kidney, testis and thyroid.

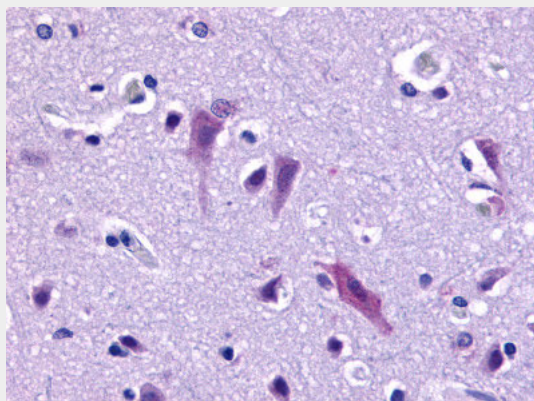
Volume

50 µl

QRFPR / GPR103 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](#)

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - Images

Anti-QRFPR / GPR103 antibody ALS10467 IHC of human brain, neurons and glia.

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - Background

Receptor for the orexigenic neuropeptide QRFP. The activity of this receptor is mediated by G proteins that modulate adenylate cyclase activity and intracellular calcium levels.

QRFPR / GPR103 Antibody (Cytoplasmic Domain) - References

- Lee D.K., et al. Gene 275:83-91(2001).
Jiang Y., et al. J. Biol. Chem. 278:27652-27657(2003).
Fukusumi S., et al. J. Biol. Chem. 278:46387-46395(2003).