

Anti-GPR103 Antibody
Rabbit polyclonal antibody to GPR103
Catalog # AP61046**Specification**

Anti-GPR103 Antibody - Product Information

Application	WB
Primary Accession	Q96P65
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49488

Anti-GPR103 Antibody - Additional Information**Gene ID** 84109**Other Names**

GPR103; Pyroglutamylated RFamide peptide receptor; AQ27; G-protein coupled receptor 103; Orexigenic neuropeptide QRFP receptor; SP9155

Target/Specificity

Recognizes endogenous levels of GPR103 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-GPR103 Antibody - Protein Information**Name** QRFPR**Synonyms** GPR103**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

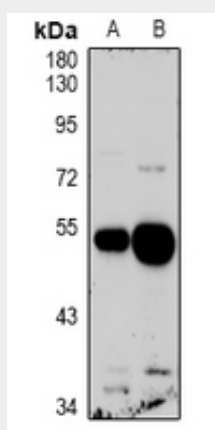
Expressed widely in the brain with high levels in the hypothalamus, trigeminal ganglia and vestibular neurons, and moderate levels in the amygdala, cortex, pituitary, hippocampus, thalamus, caudate nucleus and medulla oblongata. In peripheral tissues, expressed at high levels in the retina and at moderate levels in the heart, kidney, testis and thyroid.

Anti-GPR103 Antibody - 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](#)

Anti-GPR103 Antibody - Images



Western blot analysis of GPR103 expression in U87MG (A), HEK293T (B) whole cell lysates.

Anti-GPR103 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR103. The exact sequence is proprietary.