GPR103 rabbit pAb

Cat#: orb770605 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	GPR103 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR103. AA range:271-320
Specificity	GPR103 Polyclonal Antibody detects endogenous levels of GPR103 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Pyroglutamylated RFamide peptide receptor
Gene Name	QRFPR
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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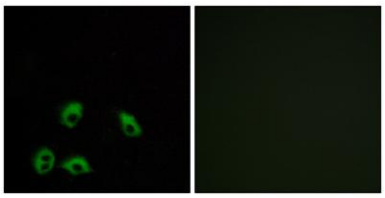
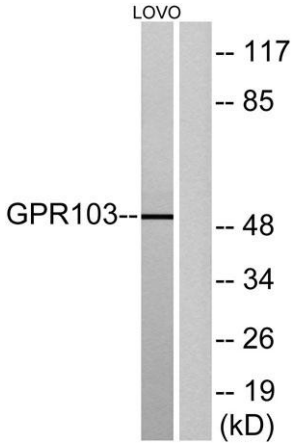
Concentration	1 mg/ml
Observed band	49kD
Human Gene ID	84109
Human Swiss-Prot Number	Q96P65
Alternative Names	QRFPR; GPR103; Pyroglutamylated RFamide peptide receptor; AQ27; G-protein coupled receptor 103; Orexigenic neuropeptide QRFP receptor; SP9155
Background	function:Receptor for the orexigenic neuropeptide QRFP. The activity of this receptor is mediated by G proteins that modulate adenylate cyclase activity and intracellular calcium levels.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity: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.,



Immunofluorescence analysis of MCF7 cells, using GPR103 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using GPR103 Antibody. The lane on the right is blocked with the synthesized peptide.

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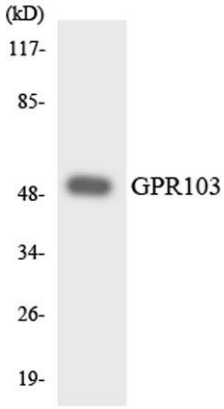

Western blot analysis of the lysates from Jurkat cells using GPR103 antibody.

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