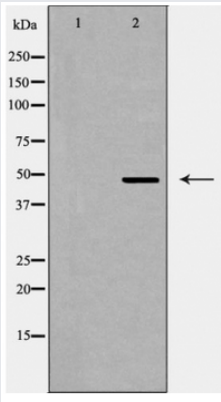
GPR103 Antibody

PRODUCT OVERVIEW

Product Name	GPR103, Antibody
Full Product Name	GPR103 Antibody
Product Gene Name	anti-GPR103 antibody
Product Synonym Names	Orexigenic neuropeptide QRFP receptor; G-protein coupled receptor 103; SP9155; AQ27
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	GPR103 Antibody detects endogenous levels of total GPR103
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	49 kDa
OMIM	606925
3D Structure	ModBase 3D Structure for Q96P65
Immunogen	A synthesized peptide derived from human GPR103
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GPR103 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-GPR103 antibody	WB: 1:500-1:2000 IF: 1:100-1:500
Related Product Information for anti-GPR103 antibody	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.
Other Notes	Small volumes of anti-GPR103 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GPR103 purchase	MBS8511928 is an antibody targeting GPR103. Also known as GPR103 Antibody. Reactive in Human, Mouse, Rat.



Western Blot (WB) of anti-GPR103 antibody
Western blot analysis of GPR103 expression in LOVO cells

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR103. It may not necessarily be applicable to this product.

NCBI GI #	157738685
NCBI GeneID	84109
NCBI Accession #	NP_937822.2
UniProt Primary Accession #	Q96P65
UniProt Related Accession #	Q96P65
GenBank Nucleotide #	NM_198179.2
NCBI Official Full Name	pyroglutamylated RFamide peptide receptor
NCBI Official Synonym Full Names	pyroglutamylated RFamide peptide receptor
NCBI Official Symbol	QRFPR
NCBI Official Synonym Symbols	AQ27; GPR103; SP9155
UniProt Protein Name	Pyroglutamylated RFamide peptide receptor
UniProt Synonym Protein Names	AQ27; G-protein coupled receptor 103; Orexigenic neuropeptide QRFP receptor; SP9155
UniProt Gene Name	QRFPR
UniProt Synonym Gene Names	GPR103
NCBI Protein Information	pyroglutamylated RFamide peptide receptor
Research Articles on GPR103	**1.** Effects of systematic N-terminus deletions and benzoylations of endogenous RF-amide peptides on NPFF1R, NPFF2R, GPR10, GPR54 and GPR103.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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