antibodies -online.com







anti-QRFPR antibody (AA 151-250)



Image



Overview

Quantity:	100 μL
Target:	QRFPR
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QRFPR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein coupled receptor 103
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target: QRFPR

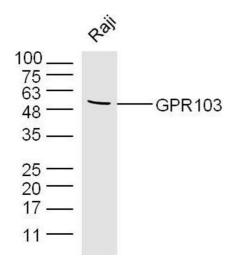
Target Details

Alternative Name:	GPR103 (QRFPR Products)
Background:	Synonyms: AQ27, G protein coupled receptor 103, G-protein coupled receptor 103, G protein-
	coupled receptor 103, Orexigenic neuropeptide QRFP receptor, Pyroglutamylated RFamide
	peptide receptor, QRFP receptor, QRFPR, SP9155, QRFPR_HUMAN, GPCR GPR103.
	Background: G protein-coupled receptors (GPRs) are a protein family of transmembrane
	receptors that transmit an extracellular signal (ligand binding) into an intracellular signal (G
	protein activation). GPR signaling is an evolutionarily ancient mechanism used by all eukaryotes
	to sense environmental stimuli and mediate cell-cell communication. All of the receptors have
	seven membrane-spanning domains and the extracellular parts of the receptor can be
	glycosylated. These extracellular loops also contain two highly conserved cysteine residues
	which create disulfide bonds to stabilize the receptor structure. GPR103 is a 455-amino acid
	protein with highest expression in the brain, retina, trigeminal ganglion, hypothalamus and
	vestibular nucleus. In peripheral tissues, GPR103 is expressed only in the heart, kidney and
	testis. GPR103 may regulate adrenal function. A hypothalamic neuropeptide of the RFamide
	family (26RFa) acts as an endogenous ligand for GPR103.
Gene ID:	84109
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Raji lysates probed with GPR103 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.