Immunoway
Best Tools for immunology Research

GALR1 Polyclonal Antibody

Catalog No :	YT1844
Reactivity :	Human;Mouse
Applications :	IF;ELISA
Target :	GALR1
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	GALR1
Protein Name :	Galanin receptor type 1
Human Gene Id :	2587
Human Swiss Prot No :	P47211
Mouse Gene Id :	14427
Mouse Swiss Prot No :	P56479
Immunogen :	The antiserum was produced against synthesized peptide derived from human GALR1. AA range:161-210
Specificity :	GALR1 Polyclonal Antibody detects endogenous levels of GALR1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 39kD

Cell Pathway : Neuroactive ligand-receptor interaction;

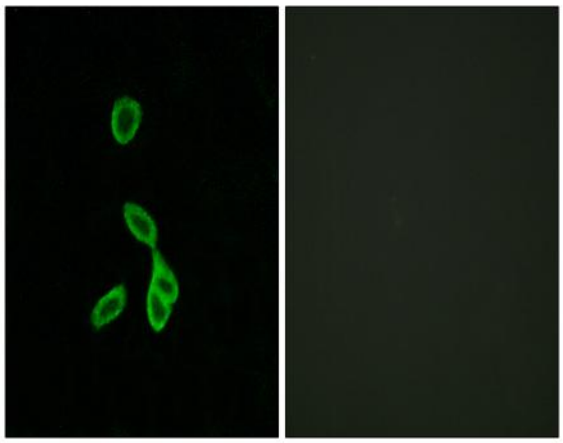
Background : The neuropeptide galanin elicits a range of biological effects by interaction with specific G-protein-coupled receptors. Galanin receptors are seven-transmembrane proteins shown to activate a variety of intracellular second-messenger pathways. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart. [provided by RefSeq, Jul 2008],

Function : function:Receptor for the hormone galanin. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.,PTM:Palmitoylated on at least one of the three cysteine residues present in the C-terminal part.,similarity:Belongs to the G-protein coupled receptor 1 family.,

Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Brain,Melanoma,Small intestine,

Products Images



Immunofluorescence analysis of LOVO cells, using GALR1 Antibody. The picture on the right is blocked with the synthesized peptide.