



GALR1 rabbit pAb

Cat No.:ES5444

For research use only

Overview

Product Name	GALR1 rabbit pAb
Host species	Rabbit
Applications	IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Galanin receptor type 1
Gene Name	GALR1
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
Concentration	1 mg/ml
Observed band	
Human Gene ID	2587
Human Swiss-Prot Number	P47211
Alternative Names	GALR1; GALNR; GALNR1; Galanin receptor type 1; GAL1-R; GALR-1
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

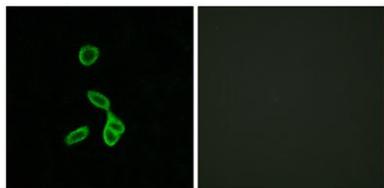




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protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart. [provided by RefSeq, Jul 2008],

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



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