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GALR1 Rabbit pAb

Catalog # AP98349

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P47211
Other Accession	P47211
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38953
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GALR1
Epitope Specificity	131-230/349
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 1 family.
Post-translational modifications	Palmitoylated on at least one of the three cysteine residues present in the C-terminal part.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GALR1 is a G-protein-coupled receptor for the neuropeptide galanin that influences endocrine secretions, intestinal motility, memory, weight, and pain perception. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, and in peripheral sites such as the small intestine and heart. The rat galanin receptor cDNA cloned from an insulinoma cell line is a predicted 346-amino acid G protein-coupled receptor with 92% homology to the human GALR1.

Additional Information

Gene ID	2587
Other Names	GALNR; GALNR1; GALR1_HUMAN; GALR1; GAL1-R; GALR-1; GALR1_MOUSE; galanin receptor 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GALR1
Synonyms	GALNR, GALNR1
Function	Receptor for the hormone galanin. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.
Cellular Location	Cell membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.