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GALR2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14666

Product Information

Application	WB
Primary Accession	O43603
Other Accession	NM_003857, NP_003848
Reactivity	Human, Horse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41700

Additional Information

Gene ID	8811
Alias Symbol	GALNR2, MGC125983, MGC125984
Other Names	Galanin receptor type 2, GAL2-R, GALR-2, GALR2, GALNR2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GALR2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GALR2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

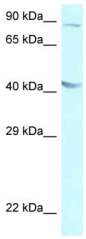
Name	GALR2
Synonyms	GALNR2
Function	Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)).
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest

expression was observed in heart, kidney, liver, and small intestine

References

Bloomquist B.T.,et al.Biochem. Biophys. Res. Commun. 243:474-479(1998).
Borowsky B.,et al.Peptides 19:1771-1781(1998).
Fathi Z.,et al.Brain Res. Mol. Brain Res. 58:156-169(1998).
Kolakowski L.F. Jr.,et al.J. Neurochem. 71:2239-2251(1998).
Martin A.L.,et al.Submitted (APR-2007) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-GALR2 Antibody Titration: 1.0 µg/ml
Positive Control: A549 Whole CellGALR2 is supported by BioGPS gene expression data to be expressed in A549

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