

Product datasheet for **TA358472**

GALR1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Human Homology: Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	38kDa
Gene Name:	galanin receptor 1
Database Link:	NP_001471 Entrez Gene 2587 Human P47211
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.
Synonyms:	GAL1-R; GALNR; GALNR1; GALR-1
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



WB Suggested Anti-GALR1 Antibody
Titration: 1.0 ug/ml
Positive Control: 721_B Whole Cell GALR1 is supported by BioGPS gene expression data to be expressed in 721_B