

Goat Anti-GALR1 (C Term) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1462a**Specification**

Goat Anti-GALR1 (C Term) Antibody - Product Information

| | |
|-------------------|--|
| Application | WB |
| Primary Accession | P47211 |
| Other Accession | NP_001471 , 2587 |
| Reactivity | Human |
| Host | Goat |
| Clonality | Polyclonal |
| Concentration | 100ug/200ul |
| Isotype | IgG |
| Calculated MW | 38953 |

Goat Anti-GALR1 (C Term) Antibody - Additional Information**Gene ID** 2587**Other Names**

Galanin receptor type 1, GAL1-R, GALR-1, GALR1, GALNR, GALNR1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-GALR1 (C Term) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GALR1 (C Term) Antibody - 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

Goat Anti-GALR1 (C Term) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-GALR1 (C Term) Antibody - Images



AF1462a (0.1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-GALR1 (C Term) Antibody - 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.

Goat Anti-GALR1 (C Term) Antibody - References

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Human variation in alcohol response is influenced by variation in neuronal signaling genes. Joslyn G, et al. Alcohol Clin Exp Res, 2010 May. PMID 20201926.

Galanin receptor-1 modulates 5-hydroxytryptamine-1A signaling via heterodimerization.
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