

Goat Anti-GALR1 (C Term) Antibody

Peptide-affinity purified goat antibody Catalog # AF1462a

Specification

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

Application Primary Accession Other Accession Reactivity Host Clonality Concentration Isotype Calculated MW

WB, E <u>P47211</u> <u>NP_001471</u>, <u>2587</u> Human Goat Polyclonal 100ug/200ul IgG 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

Dilution WB~~1:1000 E~~N/A

Format 0.5 mg lgG/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 aliguots 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

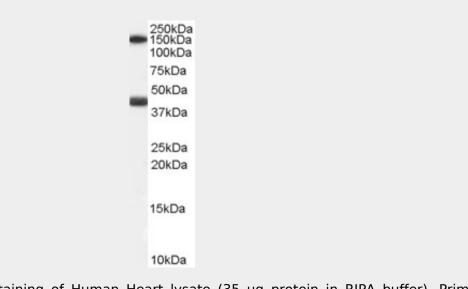
Cell membrane; Multi-pass membrane protein

Goat Anti-GALR1 (C Term) Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Goat Anti-GALR1 (C Term) Antibody - Images



AF1462a (0.1 μ g/ml) staining of Human Heart lysate (35 μ g 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.

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