

### 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
Host
Clonality
Concentration
Isotype
Human
Goat
Polyclonal
100ug/200ul
IgG

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 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 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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### Goat Anti-GALR1 (C Term) Antibody - Images



AF1462a (0.1  $\mu$ g/ml) staining of Human Heart lysate (35  $\mu$ 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.

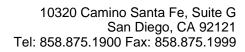
# Goat Anti-GALR1 (C Term) Antibody - References

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