

# Product datasheet for TA303177

# **GALR1 Goat Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Recommended Dilution: ELISA: 1:64,000. WB: 0.1-0.3µg/ml.

Reactivity: Human Host: Goat Isotype: **IgG** 

Clonality: Polyclonal

Immunogen: Peptide with sequence C-HLSDTKENKSRID, from the C Terminus of the protein sequence

according to NP 001471.1.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

> chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Store at -20°C as received. Storage:

Stability: Stable for 12 months from date of receipt.

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. [provided by RefSeq]

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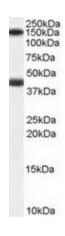


### **GALR1 Goat Polyclonal Antibody - TA303177**

Synonyms: GALNR; GALNR1

Protein Families: Druggable Genome, Transmembrane
Protein Pathways: Neuroactive ligand-receptor interaction

## **Product images:**



TA303177 (0.1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.