

## ARG64129 anti-GALR1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GALR1
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GALR1
Species	Human
Immunogen	C-HLSDTKENKSRID
Conjugation	Un-conjugated
Alternate Names	GALR-1; GAL1-R; GALNR; Galanin receptor type 1; GALNR1

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 2587 Human](#)

[Swiss-port # P47211 Human](#)

### 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, Jul 2008]

### Research Area

Cell Biology and Cellular Response antibody; Neuroscience antibody; Signaling Transduction antibody

### Calculated Mw

39 kDa

### PTM

Palmitoylated on at least one of the three cysteine residues present in the C-terminal part.

## Images

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ARG64129 anti-GALR1 antibody WB image

Western Blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG64129 anti-GALR1 antibody at 0.1 µg/ml dilution.