

## ARG64130 anti-GALR1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GALR1
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GALR1
Species	Human
Immunogen	C-RSKPGKPRSTTN
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: 50577 Rat](#)

[Swiss-port # Q62805 Rat](#)

### 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

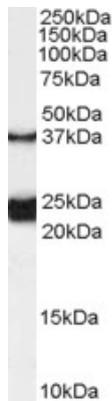
39 kDa

### PTM

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

## Images

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ARG64130 anti-GALR1 antibody WB image

Western Blot: Rat Spinal Cord lysate (35  $\mu$ g protein in RIPA buffer) stained with ARG64130 anti-GALR1 antibody at 0.1  $\mu$ g/ml dilution.