

## GALR3 Antibody (C-term)

Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16443b

### Specification

#### GALR3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">O60755</a>
Other Accession	<a href="#">O88626</a> , <a href="#">O88853</a> , <a href="#">NP_003605.1</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	39573
Antigen Region	279-307

#### GALR3 Antibody (C-term) - Additional Information

Gene ID 8484

#### Other Names

Galanin receptor type 3, GAL3-R, GALR-3, GALR3, GALNR3

#### Target/Specificity

This GALR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-307 amino acids from the C-terminal region of human GALR3.

#### Dilution

WB~~1:1000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

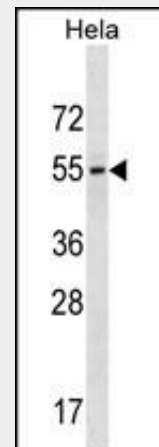
#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

GALR3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### GALR3 Antibody (C-term) - Protein Information



GALR3 Antibody (C-term) (Cat. #AP16443b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the GALR3 antibody detected the GALR3 protein (arrow).

### GALR3 Antibody (C-term) - Background

The neuropeptide galanin modulates a variety of physiologic processes including cognition/memory, sensory/pain processing, hormone secretion, and feeding behavior. The human galanin receptors are G protein-coupled receptors that functionally couple to their intracellular effector through distinct signaling pathways. GALR3 is found in many tissues and may be expressed as 1.4-, 2.4-, and 5-kb transcripts

### GALR3 Antibody (C-term) - References

- Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)  
Saus, E., et al. J Psychiatr Res 44(14):971-978(2010)  
Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009)  
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Belfer, I., et al. Genes Brain Behav. 6(5):473-481(2007)  
Berger, A., et al. Neuroendocrinology 75(2):130-138(2002)

**Name** GALR3

**Synonyms** GALNR3

**Function**

Receptor for the hormone galanin (PubMed:<a href="http://www.uniprot.org/citations/25691535" target="\_blank">25691535</a>). Receptor for the hormone spexin-1 (PubMed:<a href="http://www.uniprot.org/citations/24517231" target="\_blank">24517231</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**GALR3 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GALR3 Antibody (C-term) - Citations**

- [Spexin: A novel regulator of adipogenesis and fat tissue metabolism.](#)