

GALR3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16443b**Specification**

GALR3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O60755
Other Accession	O88626 , O88853 , NP_003605.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
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

E~~Use at an assay dependent concentration.

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**Name** GALR3

Synonyms GALNR3

Function Receptor for the hormone galanin (PubMed:[25691535](#)). Receptor for the hormone spexin-1 (PubMed:[24517231](#)).

Cellular Location

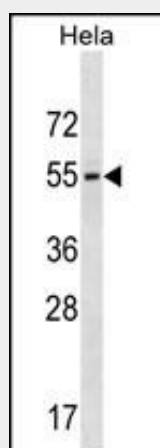
Cell membrane; Multi-pass membrane protein.

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) - Images



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) :

Belfer, I., et al. Genes Brain Behav. 6(5):473-481(2007)

Berger, A., et al. Neuroendocrinology 75(2):130-138(2002)

GALR3 Antibody (C-term) - Citations

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