10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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).

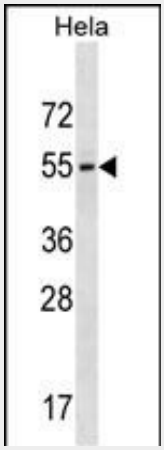
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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.