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GALR3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16443b

Product Information

Application	WB, E
Primary Accession	O60755
Other Accession	O88626, O88853, NP_003605.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35987
Calculated MW	39573
Antigen Region	279-307

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.

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.

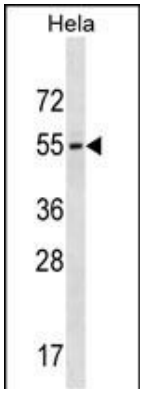
Background

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

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)

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).

Citations

- Spexin: A novel regulator of adipogenesis and fat tissue metabolism.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.