

GALR2 / Galanin Receptor 2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13137**Specification**

GALR2 / Galanin Receptor 2 Antibody - Product Information

Application	WB, IHC
Primary Accession	O43603
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

GALR2 / Galanin Receptor 2 Antibody - Additional Information**Gene ID** 8811**Other Names**

Galanin receptor type 2, GAL2-R, GALR-2, GALR2, GALNR2

Target/Specificity

Human Galanin receptor 2.

Reconstitution & Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions

GALR2 / Galanin Receptor 2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GALR2 / Galanin Receptor 2 Antibody - Protein Information**Name** GALR2**Synonyms** GALNR2**Function**

Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest expression was observed in heart, kidney, liver, and small

intestine

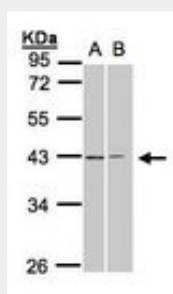
Volume
50 μ l

GALR2 / Galanin Receptor 2 Antibody - Protocols

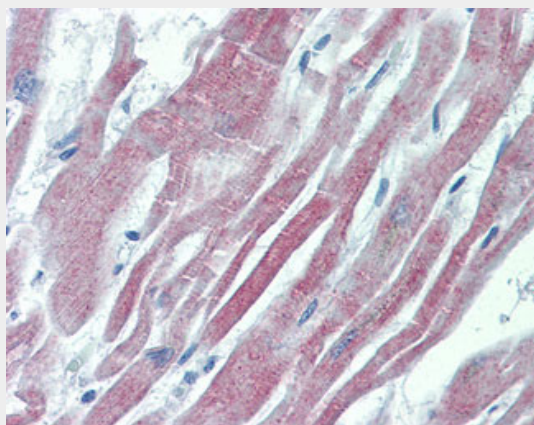
Provided below are standard protocols that you may find useful for product applications.

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

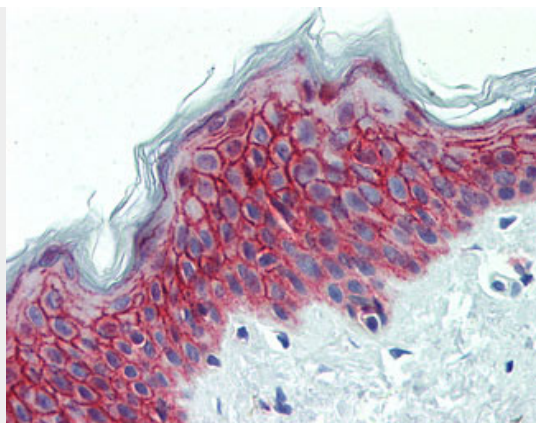
GALR2 / Galanin Receptor 2 Antibody - Images



Sample(30 ug whole cell lysate). A:293T. B: H1299. 10% SDS PAGE. GALR2 antibody diluted at 1:1000.



Anti-GALR2 antibody IHC of human heart.



Anti-GALR2 antibody IHC of human skin.

GALR2 / Galanin Receptor 2 Antibody - Background

Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)).

GALR2 / Galanin Receptor 2 Antibody - References

Bloomquist B.T., et al. Biochem. Biophys. Res. Commun. 243:474-479(1998).
Borowsky B., et al. Peptides 19:1771-1781(1998).
Fathi Z., et al. Brain Res. Mol. Brain Res. 58:156-169(1998).
Kolakowski L.F. Jr., et al. J. Neurochem. 71:2239-2251(1998).
Martin A.L., et al. Submitted (APR-2007) to the EMBL/GenBank/DDBJ databases.

GALR2 / Galanin Receptor 2 Antibody - Citations

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