

**GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10742****Specification**

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**GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">O43603</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 42kDa KDa              |
| Dilution          | IHC-P ~ ~ N/A          |

**GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - Additional Information****Gene ID** 8811**Other Names**

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

**Target/Specificity**

Human GALR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

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

**GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - Protein Information****Name** GALR2**Synonyms** GALNR2**Function**

Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:&lt;a href="http://www.uniprot.org/citations/24517231" target="\_blank"&gt;24517231&lt;/a&gt;). 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

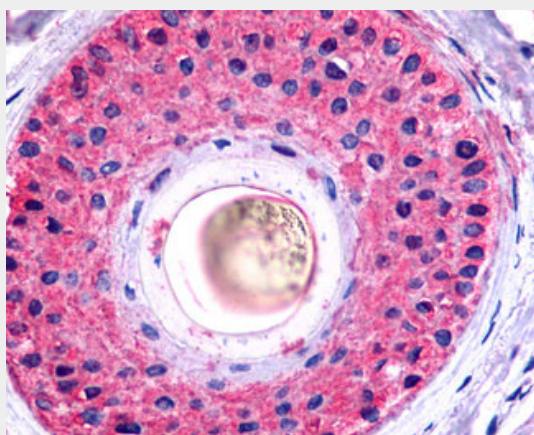
**Volume**  
50 µl

### **GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - Protocols**

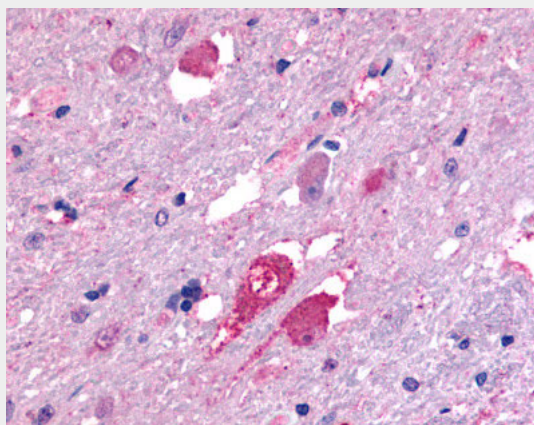
Provided below are standard protocols that you may find useful for product applications.

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

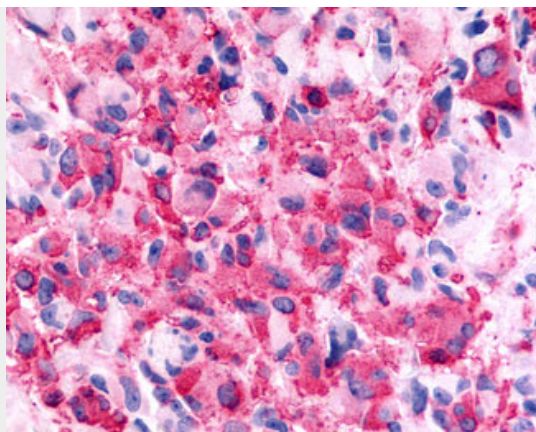
### **GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - Images**



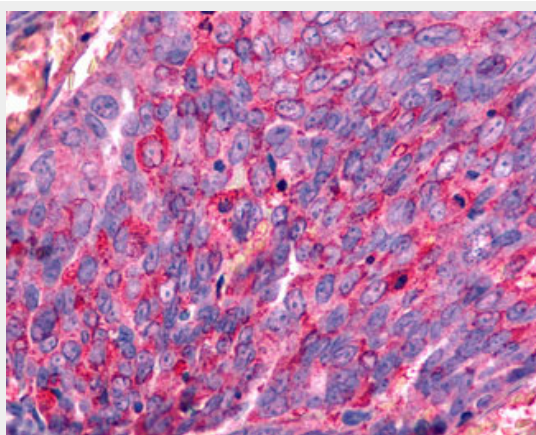
Anti-GALR2 / Galanin Receptor 2 antibody IHC of human skin hair follicle.



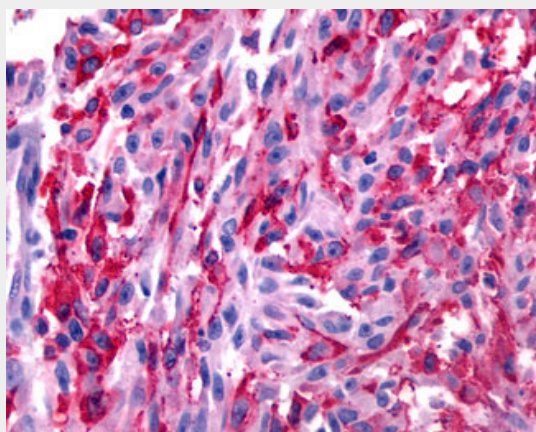
Anti-GALR2 antibody ALS10742 IHC of human brain, neurons and glia.



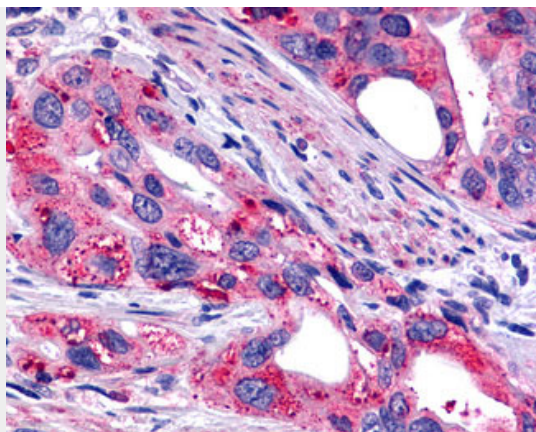
Anti-GALR2 / Galanin Receptor 2 antibody IHC of human Brain, Glioblastoma.



Anti-GALR2 / Galanin Receptor 2 antibody IHC of human Ovary, Carcinoma.



Anti-GALR2 / Galanin Receptor 2 antibody IHC of human skin, melanoma.



Anti-GALR2 / Galanin Receptor 2 antibody IHC of human Pancreas, Carcinoma.

### **GALR2 / Galanin Receptor 2 Antibody (Transmembrane Domain) - 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 (Transmembrane Domain) - 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.