

**GPR61 Antibody (Extracellular Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10866****Specification**

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**GPR61 Antibody (Extracellular Domain) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">O9BZJ8</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 49kDa KDa              |

**GPR61 Antibody (Extracellular Domain) - Additional Information****Gene ID** 83873**Other Names**

Probable G-protein coupled receptor 61, Biogenic amine receptor-like G-protein coupled receptor, GPR61, BALGR

**Target/Specificity**

Human GPR61. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR124 (44%).

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

GPR61 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**GPR61 Antibody (Extracellular Domain) - Protein Information****Name** GPR61**Synonyms** BALGR {ECO:0000303|PubMed:11690637}, GPC**Function**

Orphan G-protein coupled receptor. Constitutively activates the G(s)-alpha/cAMP signaling pathway (PubMed:<a href="http://www.uniprot.org/citations/28827538" target="\_blank">28827538</a>). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:<a href="http://www.uniprot.org/citations/28827538" target="\_blank">28827538</a>). May be involved in the regulation of food intake and body weight (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Endosome membrane; Multi-pass membrane

protein. Note=Colocalizes with ARRB2/beta- arrestin-2 in the endosome (PubMed:28827538)

#### **Tissue Location**

Expressed in brain; detected in frontal and temporal lobes, occipital pole, amygdala and hippocampus (PubMed:11690637, PubMed:29226084). Also expressed in testis (PubMed:11690637, PubMed:29226084) and T cells, B cells, and monocyte (PubMed:29226084). Low expression in many other tissues (PubMed:11690637, PubMed:29226084). Widely expressed in the hippocampus (at protein level).

#### **Volume**

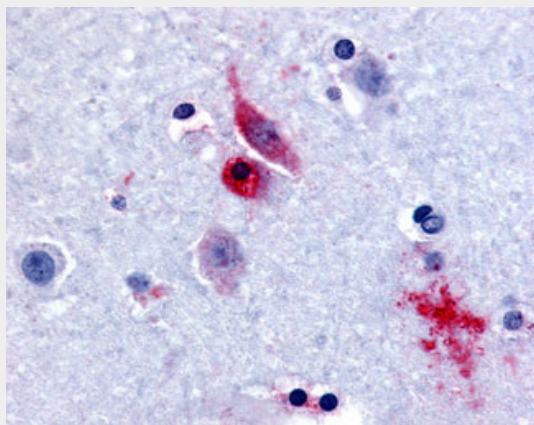
50 µl

### **GPR61 Antibody (Extracellular 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](#)

### **GPR61 Antibody (Extracellular Domain) - Images**



Anti-GPR61 antibody ALS10866 IHC of human brain, caudate.

### **GPR61 Antibody (Extracellular Domain) - Background**

Orphan receptor.

### **GPR61 Antibody (Extracellular Domain) - References**

Lee D.K.,et al.Brain Res. Mol. Brain Res. 86:13-22(2001).  
Cikos S.,et al.Biochim. Biophys. Acta 1521:66-72(2001).  
Takeda S.,et al.FEBS Lett. 520:97-101(2002).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Gregory S.G.,et al.Nature 441:315-321(2006).