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GPR61 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10432

Specification

GPR61 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9BZJ8
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

GPR61 Antibody (C-Terminus) - 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.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
GPR61 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR61 Antibody (C-Terminus) - 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:28827538). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:28827538). 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).

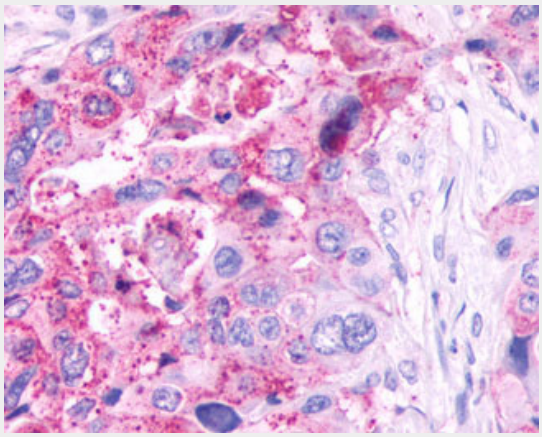
Volume
50 µl

GPR61 Antibody (C-Terminus) - Protocols

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

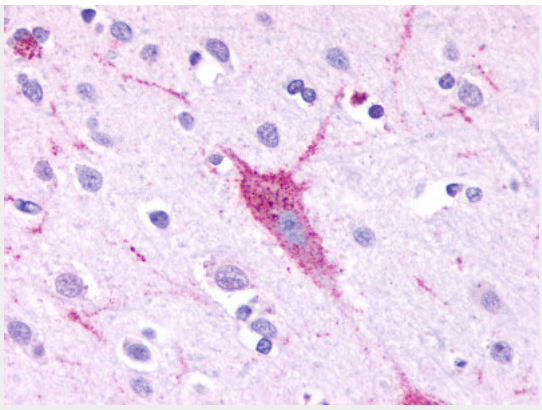
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR61 Antibody (C-Terminus) - Images



Anti-GPR61 antibody IHC of human Pancreas, Carcinoma.

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Anti-GPR61 antibody ALS10432 IHC of human brain, neurons and glia.

GPR61 Antibody (C-Terminus) - Background

Orphan receptor.

GPR61 Antibody (C-Terminus) - 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).