

GPR62 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10685**Specification**

GPR62 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	O9BZJ7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

GPR62 Antibody (N-Terminus) - Additional Information**Gene ID** 118442**Other Names**

Probable G-protein coupled receptor 62, G-protein coupled receptor GPCR8, hGPCR8, G-protein coupled receptor KPG_005, GPR62

Target/Specificity

Human GPR62. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GPR62 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR62 Antibody (N-Terminus) - Protein Information**Name** GPR62**Function**

Orphan G-protein coupled receptor. Constitutively activates the G(q/11)/inositol phosphate and the G(s)-alpha/cAMP signaling pathways (PubMed:28827538). Has spontaneous activity for beta-arrestin recruitment (PubMed:28827538). Shows a reciprocal modulation of signaling functions with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:28827538).

Cellular Location

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

protein. Note=Colocalizes with ARRB2 in the endosome (PubMed:28827538).

Tissue Location

Expressed in brain; detected in the basal forebrain, frontal cortex, caudate, putamen, thalamus and hippocampus

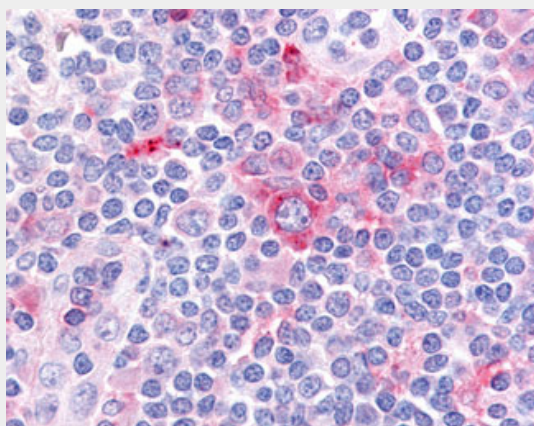
Volume

50 μ l

GPR62 Antibody (N-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 Cytometry](#)
- [Cell Culture](#)

GPR62 Antibody (N-Terminus) - Images

Anti-GPR62 antibody ALS10685 IHC of human tonsil.

GPR62 Antibody (N-Terminus) - Background

Orphan receptor.

GPR62 Antibody (N-Terminus) - References

Lee D.K.,et al.Brain Res. Mol. Brain Res. 86:13-22(2001).
Urakawa I.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
Sutterer S.M.,et al.Submitted (DEC-2010) to the EMBL/GenBank/DDBJ databases.
Takeda S.,et al.FEBS Lett. 520:97-101(2002).
Muzny D.M.,et al.Nature 440:1194-1198(2006).