

GPR62 Polyclonal Antibody
Catalog # AP70210**Specification**

GPR62 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9BZJ7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GPR62 Polyclonal Antibody - Additional Information**Gene ID** 118442**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GPR62 Polyclonal Antibody - 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:<[a href="http://www.uniprot.org/citations/28827538" target="_blank">28827538](http://www.uniprot.org/citations/28827538)). Has spontaneous activity for beta-arrestin recruitment (PubMed:<[a href="http://www.uniprot.org/citations/28827538" target="_blank">28827538](http://www.uniprot.org/citations/28827538)). Shows a reciprocal modulation of signaling functions with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:<[a href="http://www.uniprot.org/citations/28827538" target="_blank">28827538](http://www.uniprot.org/citations/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

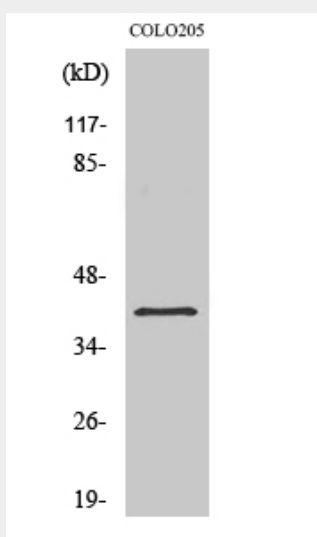
and hippocampus

GPR62 Polyclonal 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](#)

GPR62 Polyclonal Antibody - Images



GPR62 Polyclonal Antibody - Background

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).