

Anti-GPR62 Antibody
Rabbit polyclonal antibody to GPR62
Catalog # AP61478**Specification**

Anti-GPR62 Antibody - Product Information

Application	WB
Primary Accession	Q9BZJ7
Other Accession	Q80UC6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37614

Anti-GPR62 Antibody - 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

Target/Specificity

Recognizes endogenous levels of GPR62 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-GPR62 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: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).

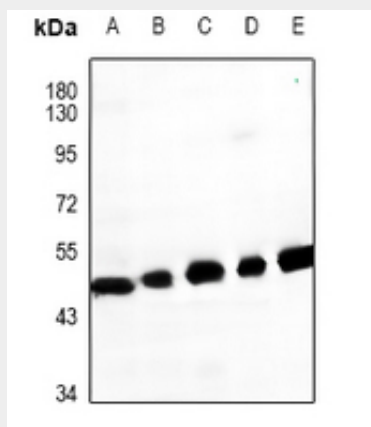
Tissue Location

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

Anti-GPR62 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](#)

Anti-GPR62 Antibody - Images

Western blot analysis of GPR62 expression in mouse brain (A), rat brain (B), HeLa (C), SGC7901 (D), PC3 (E) whole cell lysates.

Anti-GPR62 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR62. The exact sequence is proprietary.