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GPR62 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18090a

Specification

GPR62 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BZJ7
Other Accession	NP_543141.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**37614**
Antigen Region	**61-87**

GPR62 Antibody (N-term) - 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
This GPR62 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-87 amino acids from the N-terminal region of human GPR62.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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

GPR62 Antibody (N-term) - 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).

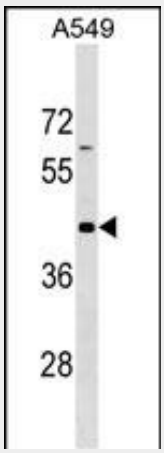
Tissue Location
Expressed in brain; detected in the basal forebrain, frontal cortex, caudate, putamen, thalamus and hippocampus

GPR62 Antibody (N-term) - 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

GPR62 Antibody (N-term) - Images



GPR62 Antibody (N-term) (Cat. #AP18090a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the GPR62 antibody detected the GPR62 protein (arrow).

GPR62 Antibody (N-term) - Background

G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

GPR62 Antibody (N-term) - References

Takeda, S., et al. FEBS Lett. 520 (1-3), 97-101 (2002) :

Lee, D.K., et al. Brain Res. Mol. Brain Res. 86 (1-2), 13-22 (2001) :