

GPR19 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14898**Specification**

GPR19 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q15760
Other Accession	NM_006143 , NP_006134
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Rabbit, Horse, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 46kDa KDa

GPR19 antibody - C-terminal region - Additional Information**Gene ID** 2842**Other Names**

Probable G-protein coupled receptor 19, GPR-NGA, GPR19

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GPR19 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GPR19 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GPR19 antibody - C-terminal region - Protein Information**Name** GPR19**Function**

G-protein coupled receptor that plays a role in the regulation of circadian rhythms and energy metabolism. Participates in maintaining proper circadian gene expression in the suprachiasmatic nucleus (SCN), the locus of the master circadian clock in the brain (By similarity). May function as a coordinator of aging-associated metabolic dysfunction, stress response, DNA integrity management, and eventual senescence (PubMed:37239845). Upon binding to adropin, modulates mitochondrial energy metabolism via the p44/42-PDK4 signaling pathway, influencing pyruvate dehydrogenase activity (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

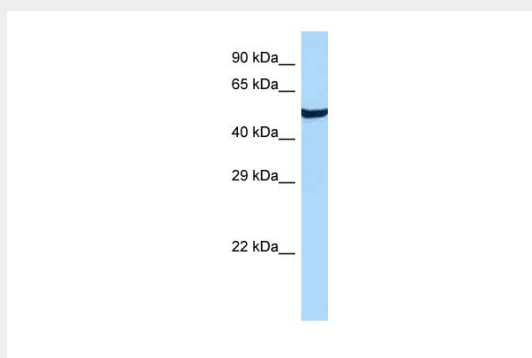
Tissue Location

Abundant expression in the brain.

GPR19 antibody - C-terminal region - 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](#)

GPR19 antibody - C-terminal region - Images

WB Suggested Anti-GPR19 Antibody Titration: 1.0 µg/ml

Positive Control: Fetal kidney

GPR19 antibody - C-terminal region - References

O'Dowd B.F., et al. FEBS Lett. 394:325-329(1996).

Bonner T.I., et al. Submitted (MAY-1996) to the EMBL/GenBank/DDBJ databases.

Scherer S.E., et al. Nature 440:346-351(2006).