

GPR19 Polyclonal Antibody
Catalog # AP70190**Specification**

GPR19 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q15760
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GPR19 Polyclonal Antibody - Additional Information**Gene ID** 2842**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

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

Storage Conditions

-20°C

GPR19 Polyclonal Antibody - 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

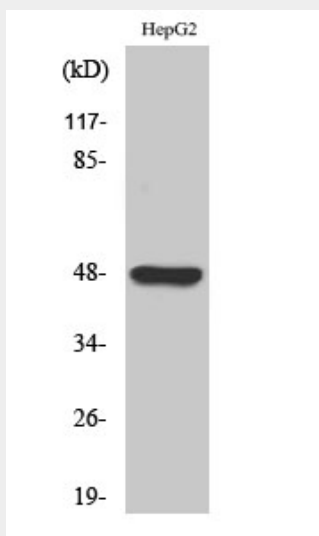
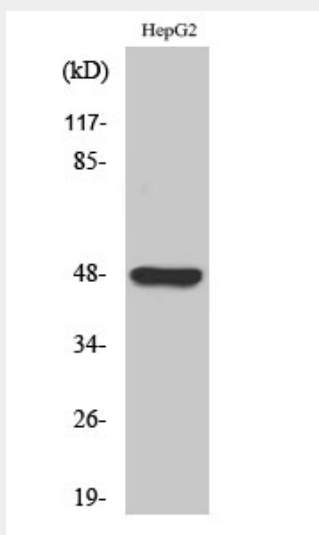
Abundant expression in the brain.

GPR19 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](#)

GPR19 Polyclonal Antibody - Images



GPR19 Polyclonal Antibody - Background

Orphan receptor.