

GPR156 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50062**Specification**

GPR156 Antibody - Product Information

Application	IF, WB
Primary Accession	Q8NFN8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89 KDa
Antigen Region	520-543

GPR156 Antibody - Additional Information**Gene ID** 165829**Other Names**

Probable G-protein coupled receptor 156, G-protein coupled receptor PGR28, GABAB-related G-protein coupled receptor, GPR156, GABABL, PGR28

Dilution

IF~~1:100

WB~~ 1:500-1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

GPR156 Antibody - Protein Information**Name** GPR156**Synonyms** GABABL, PGR28**Function**

Orphan G-protein coupled receptor involved in the regulation of hair cell orientation in mechanosensory organs of the inner ear. It is required to trigger a 180 degree reversal in hair cell orientation, creating a virtual line of polarity reversal (LPR) across which stereociliary bundles are arranged in opposite orientations.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

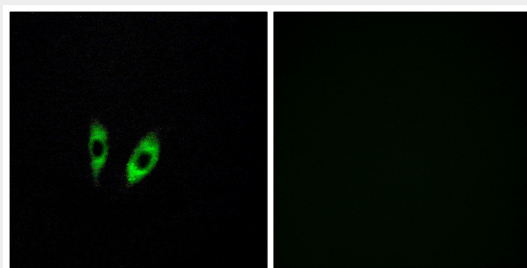
Ubiquitous expression both in the CNS and in peripheral tissues. Very high expression in fetal brain and testis relative to expression in other tissues.

GPR156 Antibody - Protocols

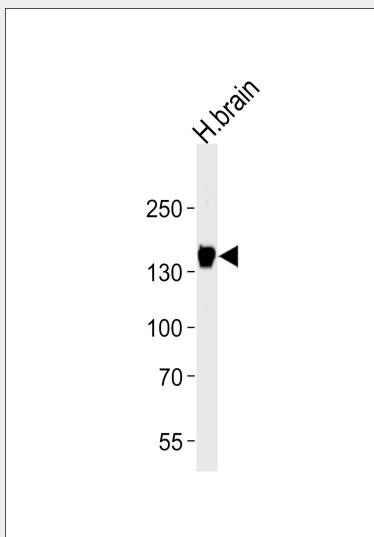
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPR156 Antibody - Images



Immunofluorescence analysis of HeLa cells, using GPR156 antibody.



Western blot analysis of lysates from H.brain cell line ,using GPR156 Antibody(G305). G305 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug.

GPR156 Antibody - Background

Orphan receptor.

GPR156 Antibody - References

Calver A.R., et al. Brain Res. Mol. Brain Res. 110:305-317(2003).

Muzny D.M., et al. Nature 440:1194-1198(2006).

Vassilatis D.K., et al. Proc. Natl. Acad. Sci. U.S.A. 100:4903-4908(2003).