

GPR22 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17583c**Specification**

GPR22 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q99680
Other Accession	Q8BZL4 , NP_005286.2 , D4A3U0
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49265
Antigen Region	122-148

GPR22 Antibody (Center) - Additional Information**Gene ID** 2845**Other Names**

Probable G-protein coupled receptor 22, GPR22

Target/Specificity

This GPR22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-148 amino acids from the Central region of human GPR22.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

GPR22 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR22 Antibody (Center) - Protein Information**Name** GPR22 ([HGNC:4477](#))

Function Orphan G-protein coupled receptor. Seems to act through a G(i)/G(o) mediated pathway (PubMed:[18539757](#)). May be involved in ciliogenesis (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:D4A3U0}; Multi-pass membrane protein

Tissue Location

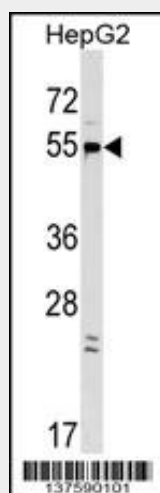
High expression in adult and fetal heart tissue (PubMed:18539757). Expressed in the brain, with enrichment in the accumbens, amygdala, cerebellum, cortex, and hippocampus regions (PubMed:18539757, PubMed:9073069).

GPR22 Antibody (Center) - 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](#)

GPR22 Antibody (Center) - Images



GPR22 Antibody (Center) (Cat. #AP17583c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the GPR22 antibody detected the GPR22 protein (arrow).

GPR22 Antibody (Center) - Background

This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein. [provided by RefSeq].

GPR22 Antibody (Center) - References

Kerkhof, H.J., et al. Arthritis Rheum. 62(2):499-510(2010)
Adams, J.W., et al. Am. J. Physiol. Heart Circ. Physiol. 295 (2), H509-H521 (2008) :

Lee, J., et al. FASEB J. 19(10):1356-1358(2005)
O'Dowd, B.F., et al. Gene 187(1):75-81(1997)