

GPR142 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11260a

Specification

GPR142 Antibody (N-term) - Product Information

Application	FC, WB,E
Primary Accession	Q7Z601
Other Accession	NP_861455.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51106
Antigen Region	86-114

GPR142 Antibody (N-term) - Additional Information

Gene ID 350383

Other Names

Probable G-protein coupled receptor 142, G-protein coupled receptor PGR2, GPR142, PGR2

Target/Specificity

This GPR142 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-114 amino acids from the N-terminal region of human GPR142.

Dilution

FC~~1:10~50

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

GPR142 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR142 Antibody (N-term) - Protein Information

Name GPR142

Synonyms PGR2**Function** Orphan receptor.**Cellular Location**

Cell membrane; Multi-pass membrane protein.

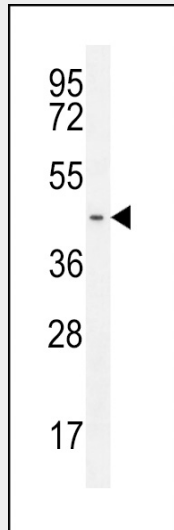
Tissue Location

Exclusively expressed in the central nervous system, most abundantly in the ventrolateral region of caudate putamen, the habenular nucleus, the zona incerta, and the medial mammillary nucleus.

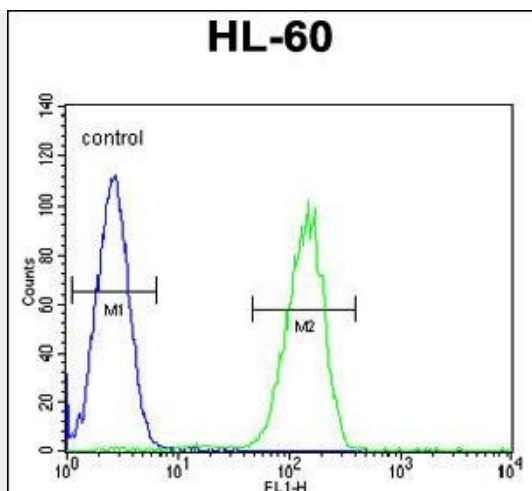
GPR142 Antibody (N-term) - Protocols

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

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

GPR142 Antibody (N-term) - Images

GPR142 Antibody (N-term) (Cat. #AP11260a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the GPR142 antibody detected the GPR142 protein (arrow).



GPR142 Antibody (N-term) (Cat. #AP11260a) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

GPR142 Antibody (N-term) - Background

GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).

GPR142 Antibody (N-term) - References

Matsuo, A., et al. Biochem. Biophys. Res. Commun. 331(1):363-369(2005)
Fredriksson, R., et al. FEBS Lett. 554(3):381-388(2003)
Vassilatis, D.K., et al. Proc. Natl. Acad. Sci. U.S.A. 100(8):4903-4908(2003)