

GPR32 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10428**Specification**

GPR32 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	O75388
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

GPR32 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 2854**Other Names**

Probable G-protein coupled receptor 32, GPR32

Target/Specificity

Human GPR32. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GPR32 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR32 Antibody (Cytoplasmic Domain) - Protein Information**Name** GPR32**Function**

G-protein coupled receptor that binds to several ligands including resolvin D1 (RvD1) with high affinity, leading to rapid and transient activation of numerous intracellular signaling pathways. In macrophages, enhances the RvD1-stimulated phagocytic and clearance functions (PubMed:20080636). Macrophages migrate less toward different chemoattractant stimuli but phagocytose more microbial particles (PubMed:26969756). Prevents the increase in Ca(2+) and activation of ERK1/2 used by histamine and its H1 receptor subtype to induce goblet cell secretion by activating PKC and GRK2 to counter-regulate the histamine receptor (PubMed:23462912).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed in resting primary human macrophages.

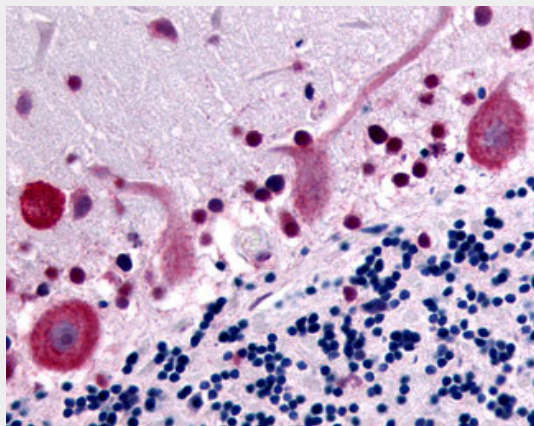
Volume

50 μ l

GPR32 Antibody (Cytoplasmic Domain) - 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](#)

GPR32 Antibody (Cytoplasmic Domain) - Images

Anti-GPR32 antibody ALS10428 IHC of human brain, cerebellum.

GPR32 Antibody (Cytoplasmic Domain) - Background

Orphan receptor.

GPR32 Antibody (Cytoplasmic Domain) - References

Marchese A., et al. Genomics 50:281-286(1998).