10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPR32 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17488a

Specification

GPR32 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O75388

GPR32 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2854

Other Names
Probable G-protein coupled receptor 32, GPR32

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GPR32 Antibody (N-term) Blocking Peptide - 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPR32 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GPR32 Antibody (N-term) Blocking Peptide - Images

GPR32 Antibody (N-term) Blocking Peptide - Background

GPR32 is an Orphan receptor.

GPR32 Antibody (N-term) Blocking Peptide - References

Krishnamoorthy, S., et al. Proc. Natl. Acad. Sci. U.S.A. 107(4):1660-1665(2010)Marchese, A., et al. Genomics 50(2):281-286(1998)