

## GPR32 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP17488a

## **Specification**

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

Primary Accession

075388

## 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:<a href="http://www.uniprot.org/citations/20080636" target="\_blank">20080636</a>). Macrophages migrate less toward different chemoattractant stimuli but phagocytose more microbial particles (PubMed:<a href="http://www.uniprot.org/citations/26969756" target="\_blank">26969756</a>). 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:<a href="http://www.uniprot.org/citations/23462912" target="\_blank">23462912</a>).

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein.

## **Tissue Location**

Expressed in resting primary human macrophages.



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# 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)