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GPR32 Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10429

Specification

GPR32 Antibody (Extracellular Domain) - Product Information

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

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

GPR32 Antibody (Extracellular 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.

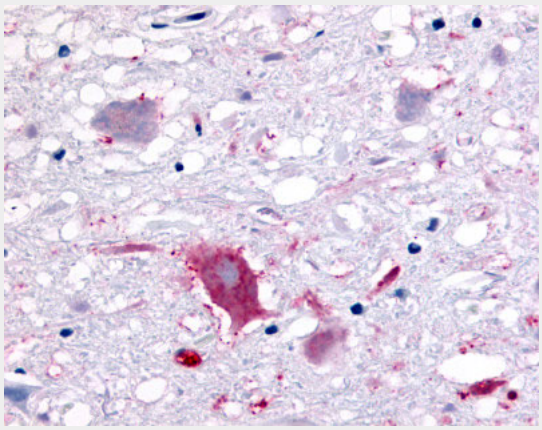
Volume
50 µl

GPR32 Antibody (Extracellular Domain) - Protocols

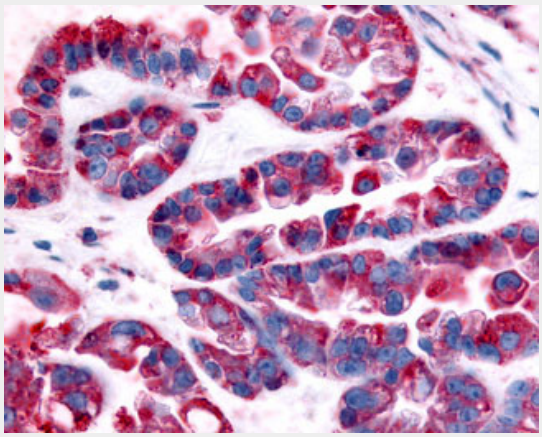
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR32 Antibody (Extracellular Domain) - Images

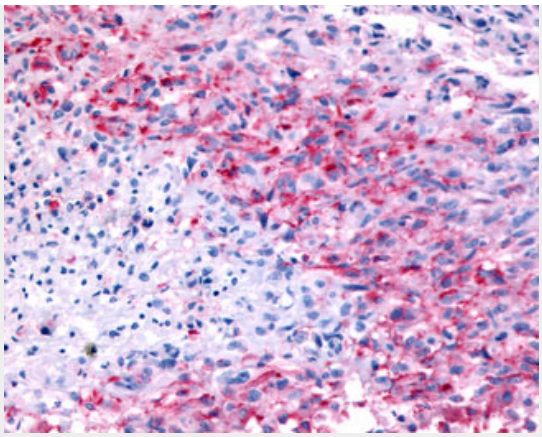


Anti-GPR32 antibody ALS10429 IHC of human brain, neurons and glia.



Anti-GPR32 antibody IHC of human Ovary, Carcinoma.

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Anti-GPR32 antibody IHC of human Brain, Glioblastoma.

GPR32 Antibody (Extracellular Domain) - Background

Orphan receptor.

GPR32 Antibody (Extracellular Domain) - References

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