abcam

Product datasheet

# Anti-GPCR GPR17 antibody - N-terminal ab150648

3 Images

## Overview

| | |
|---|---|
| **Product name** | Anti-GPCR GPR17 antibody - N-terminal |
| **Description** | Rabbit polyclonal to GPCR GPR17 - N-terminal |
| **Host species** | Rabbit |
| **Specificity** | BLAST analysis of the peptide immunogen showed no homology with other Human proteins. |
| **Tested applications** | **Suitable for:** IHC-P, ICC |
| **Species reactivity** | **Reacts with:** Human<br>**Predicted to work with:** Gorilla |
| **Immunogen** | Synthetic peptide corresponding to 16 amino acids from the N-terminal extracellular domain of Human GPCR GPR17 (NP_005282.1). |
| **Positive control** | Human brain tissue; HEK293 cells transfected with GPCR GPR17. |
| **General notes** | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.<br>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As |

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. |
| **Storage buffer** | pH: 7.4<br>Preservative: 0.1% Sodium azide<br>Constituent: 99% PBS |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

## Applications

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab150648 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|---|---|---|
| **IHC-P** | | Use a concentration of 3 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |
| **ICC** | | Use a concentration of 16 µg/ml. |

## Target

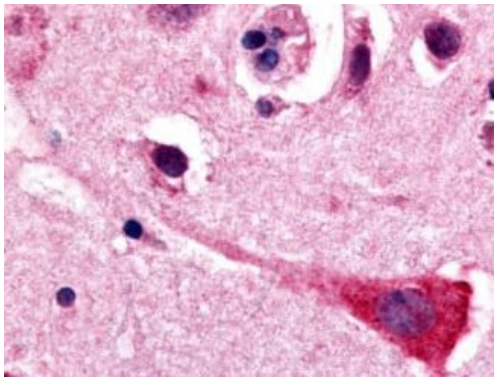
**Function** Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and CysLTs following ischemia.

**Tissue specificity** Expressed in brain, kidney, heart and umbilical vein endothelial cells. Highest level in brain.

**Sequence similarities** Belongs to the G-protein coupled receptor 1 family.

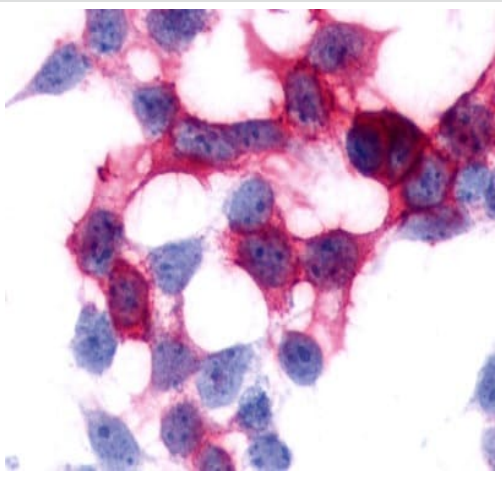
**Cellular localization** Cell membrane.

## Images



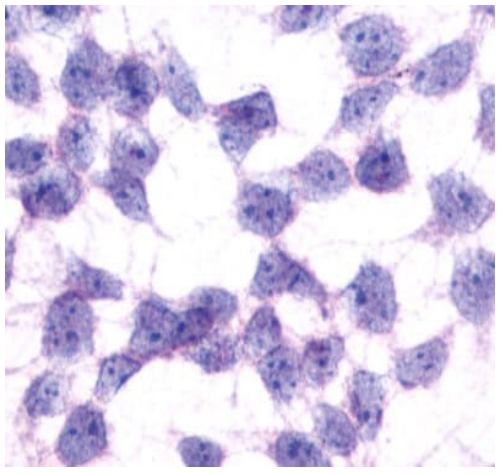
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR GPR17 antibody - N-terminal (ab150648)

Immunohistochemical analysis of formalin fixed, paraffin embedded Human brain (neurons and glia) tissue, labelling GPCR GPR17 with ab150648 at 1.4 µg/ml.



Immunocytochemistry - Anti-GPCR GPR17 antibody - N-terminal (ab150648)

Immunocytochemical analysis of HEK293 cells transfected with GPCR GPR17, labelling GPCR GPR17 with ab150648 at 16µg/ml.



Immunocytochemistry - Anti-GPCR GPR17 antibody - N-terminal (ab150648)

Immunocytochemical analysis of non-transfected HEK293 cells, labelling GPCR GPR17 with ab150648 at 16µg/ml.



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- We investigate all quality concerns to ensure our products perform to the highest standards

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