


Product datasheet

Anti-GPCR GPR17 antibody - N-terminal ab150648

3 Images

Overview

<b>Product name</b>	Anti-GPCR GPR17 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to GPCR GPR17 - N-terminal
<b>Host species</b>	Rabbit
<b>Specificity</b>	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Gorilla 
<b>Immunogen</b>	Synthetic peptide corresponding to 16 amino acids from the N-terminal extracellular domain of Human GPCR GPR17 (NP_005282.1).
<b>Positive control</b>	Human brain tissue; HEK293 cells transfected with GPCR GPR17.
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

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.

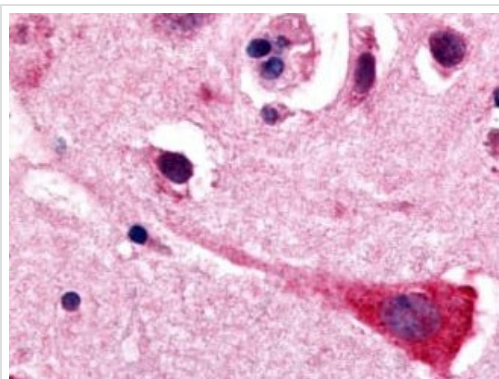
### Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

### Cellular localization

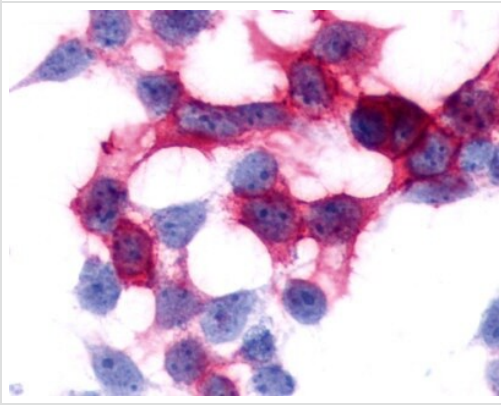
Cell membrane.

## Images



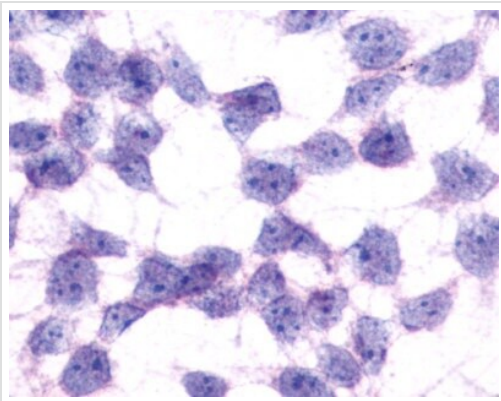
Immunohistochemical analysis of formalin fixed, paraffin embedded Human brain (neurons and glia) tissue, labelling GPCR GPR17 with ab150648 at 1.4 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - 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.

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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors