


Product datasheet

Anti-GPCR GPR4 antibody ab188913

1 Image

Overview

<b>Product name</b>	Anti-GPCR GPR4 antibody
<b>Description</b>	Rabbit polyclonal to GPCR GPR4
<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> ICC, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Cow, Dog, Pig, Monkey, Zebrafish 
<b>Immunogen</b>	Synthetic peptide corresponding to Human GPCR GPR4 (intracellular). (20 amino acid peptide from the 3rd cytoplasmic domain; NP_005273.1). Database link: <a href="#">P46093</a>
<b>Positive control</b>	Human lung respiratory epithelium.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<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

Our [Abpromise guarantee](#) covers the use of **ab188913** in the following tested applications.

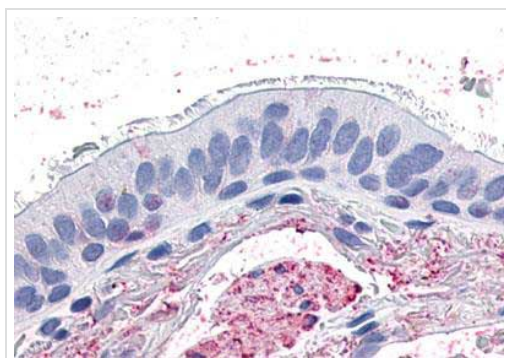
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		Use a concentration of 15 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

<b>Function</b>	Proton-sensing receptor coupled to several G-proteins, including G(s), G(13) and G(q)/G(11) proteins, leading to cAMP production.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Cellular localization</b>	Cell membrane.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human lung respiratory epithelium labeling GPCR GPR4 with ab188913 at 15 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR GPR4 antibody (ab188913)

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

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