

Product datasheet

Anti-GPCR GPR43 antibody - Cytoplasmic domain ab188909

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Overview

Product name	Anti-GPCR GPR43 antibody - Cytoplasmic domain
Description	Rabbit polyclonal to GPCR GPR43 - Cytoplasmic domain
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Goat, Horse, Cow, Pig, Monkey, Gorilla
Immunogen	Other Immunogen Type corresponding to Human GPCR GPR43. The immunogen is a 19 amino acid peptide located in the second cytoplasmic domain of NP_005297.1
Positive control	Human kidney tissue.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab188909** in the following tested applications.

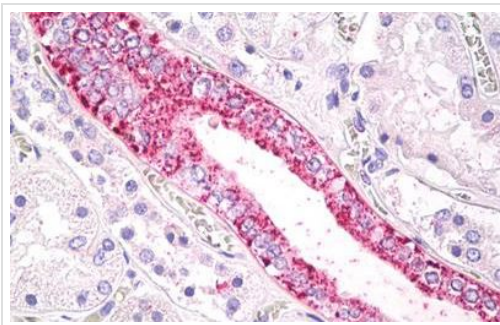
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

Target

Function	Receptor for short chain fatty acids through a G(i)-protein-mediated inhibition of adenylyl cyclase and elevation of intracellular calcium. The rank order of potency for agonists of this receptor is acetate= propionate = butyrate > pentanoate = formate.
Tissue specificity	Expressed at relatively high levels in peripheral blood leukocytes and, to lesser, extent, in spleen.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney tissue labeling GPCR GPR43 at 4ug/ml with ab188909.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR GPR43 antibody - Cytoplasmic domain (ab188909)

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

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