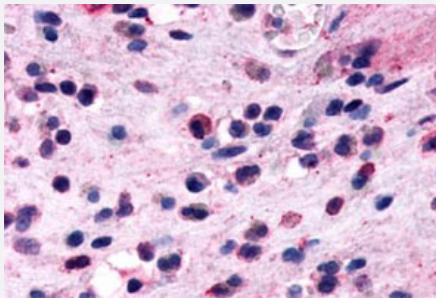


GPR44 polyclonal antibody

Catalog # PAB26482

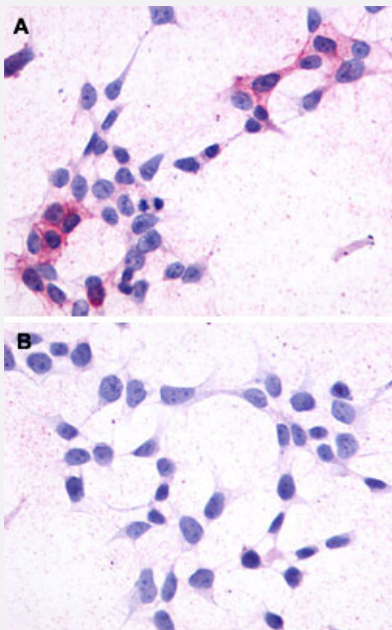
Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human nasal mucosa, eosinophils with GPR44 polyclonal antibody (Cat # PAB26482). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunocytochemistry

Immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected (A) or untransfected (B) with GPR44. Using GPR44 polyclonal antibody (Cat # PAB26482).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GPR44.
Immunogen	A synthetic peptide corresponding to 20 amino acids at 3rd extracellular domain of human GPR44.
Host	Rabbit

Reactivity	Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (16-32 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

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Immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected (A) or untransfected (B) with GPR44. Using GPR44 polyclonal antibody (Cat # PAB26482).

Gene Info — GPR44

Entrez GeneID	11251
Protein Accession#	Q9Y5Y4
Gene Name	GPR44
Gene Alias	CD294, CRTH2, DP2
Gene Description	G protein-coupled receptor 44
Omim ID	604837
Gene Ontology	Hyperlink

Gene Summary

G protein-coupled receptors (GPCRs), such as GPR44, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response.[supplied by OMIM]

Other Designations

chemoattractant receptor homologous molecule expressed on T helper type 2 cells|chemoattractant receptor-homologous molecule expressed on TH2 cells

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Eczema](#)
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