

OR10G9 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13009b

Specification

OR10G9 Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	Q8NGN4
Other Accession	NP_001001953.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	211-239

OR10G9 Antibody (C-term) - Additional Information

Gene ID 219870

Other Names

Olfactory receptor 10G9, Olfactory receptor 10G10, OR10G9, OR10G10P

Target/Specificity

This OR10G9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids of human OR10G9.

Dilution

WB~~1:1000
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OR10G9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR10G9 Antibody (C-term) - Protein Information

Name OR10G9

Synonyms OR10G10P

Function Odorant receptor.

Cellular Location

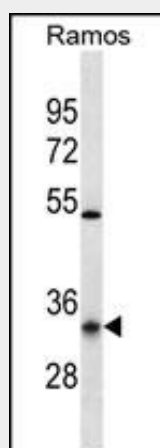
Cell membrane; Multi-pass membrane protein.

OR10G9 Antibody (C-term) - Protocols

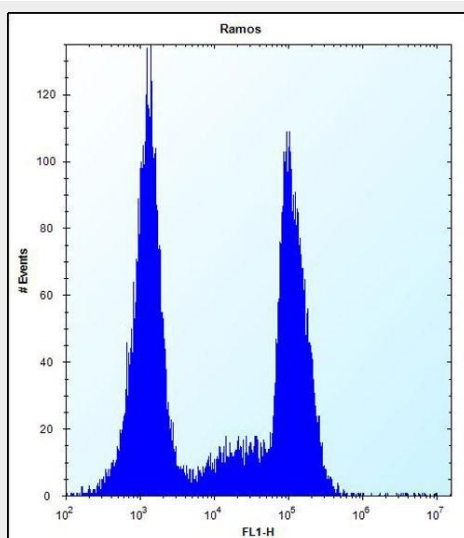
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OR10G9 Antibody (C-term) - Images



OR10G9 Antibody (C-term) (Cat. #AP13009b) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the OR10G9 antibody detected the OR10G9 protein (arrow).



OR10G9 Antibody (C-term) (Cat. #AP13009b) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

OR10G9 Antibody (C-term) - Background

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

OR10G9 Antibody (C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)