

**OR9Q1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10896b**

**Specification**

**OR9Q1 Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">O8NGO5</a>
Other Accession	<a href="#">NP_001005212.1</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Calculated MW	<b>34757</b>
Antigen Region	<b>279-308</b>

**OR9Q1 Antibody (C-term) - Additional Information**

**Gene ID** 219956

**Other Names**

Olfactory receptor 9Q1, OR9Q1

**Target/Specificity**

This OR9Q1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-308 amino acids from the C-terminal region of human OR9Q1.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Format**

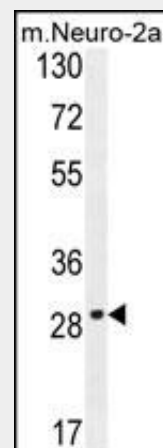
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

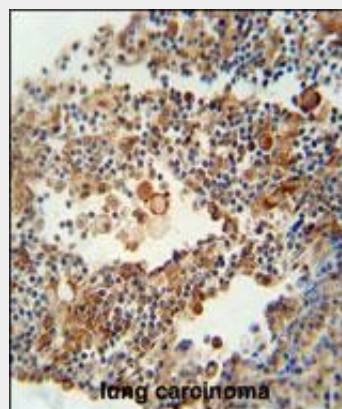
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

OR9Q1 Antibody (C-term) is for research



OR9Q1 Antibody (C-term) (Cat. #AP10896b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the OR9Q1 antibody detected the OR9Q1 protein (arrow).



OR9Q1 antibody (C-term) (Cat. #AP10896b) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR9Q1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

use only and not for use in diagnostic or therapeutic procedures.

### OR9Q1 Antibody (C-term) - Protein Information

**Name** OR9Q1

**Function**

Odorant receptor.

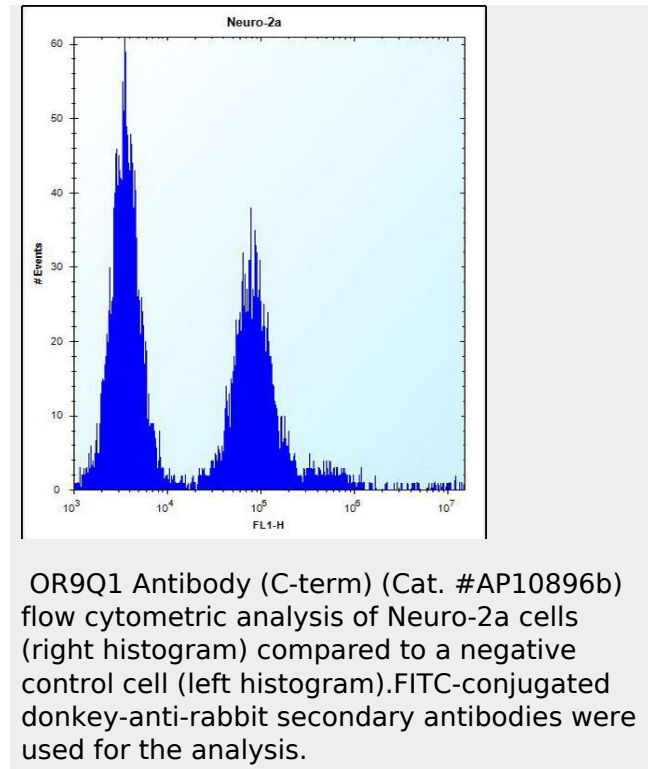
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

### OR9Q1 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](#)



### OR9Q1 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.

### OR9Q1 Antibody (C-term) - References

Fuchs, T., et al. Genomics  
80(3):295-302(2002)