

**OR10H5 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12539b**

### Specification

#### OR10H5 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">Q8NGA6</a>
Other Accession	<a href="#">NP_001004466.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34900
Antigen Region	245-273

#### OR10H5 Antibody (C-term) - Additional Information

**Gene ID** 284433

#### Other Names

Olfactory receptor 10H5, Olfactory receptor OR19-25, Olfactory receptor OR19-26, OR10H5

#### Target/Specificity

This OR10H5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-273 amino acids from the C-terminal region of human OR10H5.

#### Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

#### 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

OR10H5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### OR10H5 Antibody (C-term) - Protein Information

**Name** OR10H5

**Function** Odorant receptor.

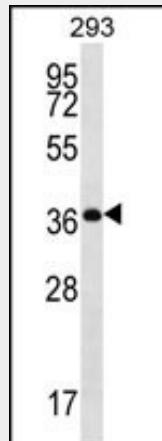
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR10H5 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](#)

**OR10H5 Antibody (C-term) - Images**

OR10H5 Antibody (C-term) (Cat. #AP12539b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OR10H5 antibody detected the OR10H5 protein (arrow).

**OR10H5 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.

**OR10H5 Antibody (C-term) - References**

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)  
Fuchs, T., et al. Genomics 80(3):295-302(2002)