

**OR10J3 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12409a**

**Specification**

---

**OR10J3 Antibody (N-term) - Product Information**

|                   |                                |
|-------------------|--------------------------------|
| Application       | WB,E                           |
| Primary Accession | <a href="#">Q5JRS4</a>         |
| Other Accession   | <a href="#">NP_001004467.1</a> |
| Reactivity        | Human                          |
| Host              | Rabbit                         |
| Clonality         | Polyclonal                     |
| Isotype           | Rabbit IgG                     |
| Antigen Region    | 1-30                           |

**OR10J3 Antibody (N-term) - Additional Information**

**Other Names**

Olfactory receptor 10J3, OR10J3, OR10J3P

**Target/Specificity**

This OR10J3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OR10J3.

**Dilution**

WB~~1:1000

**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**

OR10J3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**OR10J3 Antibody (N-term) - Protein Information**

**Name** OR10J3

**Synonyms** OR10J3P

**Function** Odorant receptor.

**Cellular Location**

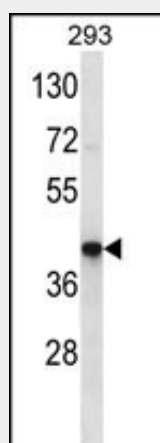
Cell membrane; Multi-pass membrane protein.

### OR10J3 Antibody (N-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](#)

### OR10J3 Antibody (N-term) - Images



OR10J3 Antibody (N-term) (Cat. #AP12409a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OR10J3 antibody detected the OR10J3 protein (arrow).

### OR10J3 Antibody (N-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.

### OR10J3 Antibody (N-term) - References

- Han, S., et al. Hum. Immunol. 71(7):727-730(2010)  
Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)  
Bozaoglu, K., et al. J. Clin. Endocrinol. Metab. 95(5):2476-2485(2010)  
Lee, J.Y., et al. Carcinogenesis 30(9):1528-1531(2009)

Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1651-1658(2009)