

**OR1I1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18524a**

### Specification

#### OR1I1 Antibody (N-term) - Product Information

|                   |                                |
|-------------------|--------------------------------|
| Application       | WB,E                           |
| Primary Accession | <a href="#">O60431</a>         |
| Other Accession   | <a href="#">NP_001004713.1</a> |
| Reactivity        | Human                          |
| Host              | Rabbit                         |
| Clonality         | Polyclonal                     |
| Isotype           | Rabbit IgG                     |
| Calculated MW     | 39297                          |
| Antigen Region    | 1-30                           |

#### OR1I1 Antibody (N-term) - Additional Information

**Gene ID** 126370

#### Other Names

Olfactory receptor 1I1, Olfactory receptor 19-20, OR19-20, OR1I1

#### Target/Specificity

This OR1I1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OR1I1.

#### 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

OR1I1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### OR1I1 Antibody (N-term) - Protein Information

**Name** OR1I1

**Function** Odorant receptor.

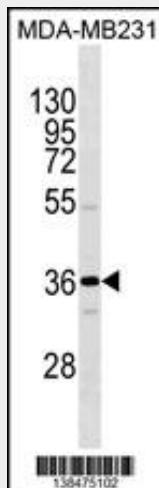
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR1I1 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](#)

**OR1I1 Antibody (N-term) - Images**

OR1I1 Antibody (N-term) (Cat. #AP18524a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the OR1I1 antibody detected the OR1I1 protein (arrow).

**OR1I1 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.

**OR1I1 Antibody (N-term) - References**

Grimwood, J., et al. Nature 428(6982):529-535(2004)

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