

**OR13F1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13257b**

### Specification

#### OR13F1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">Q8NGS4</a>
Other Accession	<a href="#">NP_001004485.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35646
Antigen Region	244-272

#### OR13F1 Antibody (C-term) - Additional Information

**Gene ID** 138805

#### Other Names

Olfactory receptor 13F1, Olfactory receptor OR9-6, OR13F1

#### Target/Specificity

This OR13F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-272 amino acids from the C-terminal region of human OR13F1.

#### 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

OR13F1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### OR13F1 Antibody (C-term) - Protein Information

**Name** OR13F1

**Function** Odorant receptor.

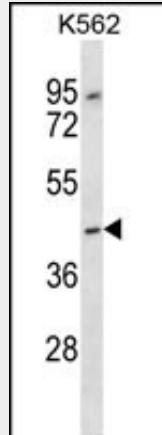
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR13F1 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](#)

**OR13F1 Antibody (C-term) - Images**

OR13F1 Antibody (C-term) (Cat. #AP13257b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the OR13F1 antibody detected the OR13F1 protein (arrow).

**OR13F1 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.

**OR13F1 Antibody (C-term) - References**

Humphray, S.J., et al. Nature 429(6990):369-374(2004)  
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)