

OR8B4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11531b**Specification**

OR8B4 Antibody (C-term) - Product Information

| | |
|-------------------|--------------------------------|
| Application | WB,E |
| Primary Accession | O96RC9 |
| Other Accession | NP_001005196.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 34404 |
| Antigen Region | 277-306 |

OR8B4 Antibody (C-term) - Additional Information**Gene ID** 283162**Other Names**

Olfactory receptor 8B4, Olfactory receptor OR11-315, OR8B4, OR8B4P

Target/Specificity

This OR8B4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-306 amino acids from the C-terminal region of human OR8B4.

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

OR8B4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR8B4 Antibody (C-term) - Protein Information**Name** OR8B4**Synonyms** OR8B4P

Function Odorant receptor.

Cellular Location

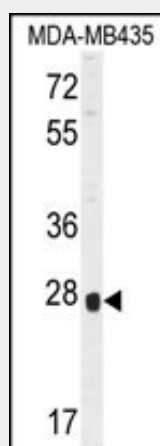
Cell membrane; Multi-pass membrane protein.

OR8B4 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](#)

OR8B4 Antibody (C-term) - Images



OR8B4 Antibody (C-term) (Cat. #AP11531b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the OR8B4 antibody detected the OR8B4 protein (arrow).

OR8B4 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.

OR8B4 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)