

**OR8H2/OR8H3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12218b**

### Specification

#### OR8H2/OR8H3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">Q8N162</a>
Other Accession	<a href="#">Q8N146</a> , <a href="#">Q8NGG4</a> , <a href="#">NP_001005200.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35422
Antigen Region	244-272

#### OR8H2/OR8H3 Antibody (C-term) - Additional Information

##### Gene ID 390151

##### Other Names

Olfactory receptor 8H2, Olfactory receptor OR11-171, OR8H2

##### Target/Specificity

This OR8H2/OR8H3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-272 amino acids from the C-terminal region of human OR8H2/OR8H3.

##### 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

OR8H2/OR8H3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### OR8H2/OR8H3 Antibody (C-term) - Protein Information

Name OR8H2

Function Odorant receptor.

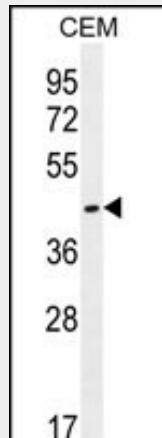
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR8H2/OR8H3 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](#)

**OR8H2/OR8H3 Antibody (C-term) - Images**

OR8H2/OR8H3 Antibody (C-term) (Cat. #AP12218b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the OR8H2/OR8H3 antibody detected the OR8H2/OR8H3 protein (arrow).

**OR8H2/OR8H3 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.

**OR8H2/OR8H3 Antibody (C-term) - References**

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)