

**OR52A5 Antibody(C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19492b****Specification**

---

**OR52A5 Antibody(C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9H2C5</a>
Other Accession	<a href="#">NP_001005160.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35955
Antigen Region	214-240

**OR52A5 Antibody(C-term) - Additional Information****Gene ID** 390054**Other Names**

Olfactory receptor 52A5, Odorant receptor HOR3'beta5, Olfactory receptor OR11-33, OR52A5

**Target/Specificity**

This OR52A5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-240 amino acids from the C-terminal region of human OR52A5.

**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**

OR52A5 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**OR52A5 Antibody(C-term) - Protein Information****Name** OR52A5**Function** Odorant receptor.

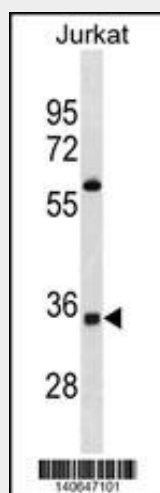
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**OR52A5 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](#)

**OR52A5 Antibody(C-term) - Images**

OR52A5 Antibody (C-term) (Cat. #AP19492b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the OR52A5 antibody detected the OR52A5 protein (arrow).

**OR52A5 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.

**OR52A5 Antibody(C-term) - References**

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

Bulger, M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(26):14560-14565(2000)