

OR10A4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10863b**Specification**

OR10A4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H209
Other Accession	NP_997069.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35117
Antigen Region	245-273

OR10A4 Antibody (C-term) - Additional Information**Gene ID** 283297**Other Names**

Olfactory receptor 10A4, HP2, Olfactory receptor-like protein JCG5, OR10A4, OR10A4P

Target/Specificity

This OR10A4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-273 amino acids from the C-terminal region of human OR10A4.

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

OR10A4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR10A4 Antibody (C-term) - Protein Information**Name** OR10A4**Synonyms** OR10A4P

Function Odorant receptor (Potential). May be involved in taste perception.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

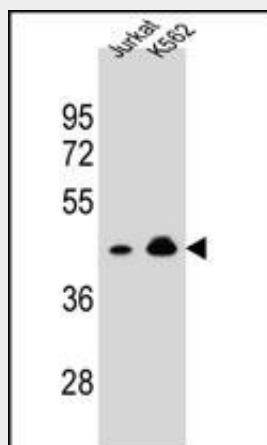
Expressed in the tongue.

OR10A4 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](#)

OR10A4 Antibody (C-term) - Images



OR10A4 Antibody (C-term) (Cat. #AP10863b) western blot analysis in Jurkat, K562 cell line lysates (35ug/lane). This demonstrates the OR10A4 antibody detected the OR10A4 protein (arrow).

OR10A4 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.

OR10A4 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)
Gaudin, J.C., et al. Chem. Senses 26(9):1157-1166(2001)
Lane, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 98(13):7390-7395(2001)