

OR2J3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12012b**Specification**

OR2J3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O76001
Other Accession	NP_001005216.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	247-275

OR2J3 Antibody (C-term) - Additional Information**Gene ID** 442186**Other Names**

Olfactory receptor 2J3, Hs6M1-3, Olfactory receptor OR6-16, OR6-6, Olfactory receptor 6-6, OR2J3

Target/Specificity

This OR2J3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-275 amino acids from the C-terminal region of human OR2J3.

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

OR2J3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2J3 Antibody (C-term) - Protein Information**Name** OR2J3**Function** Odorant receptor involved in the detection of the flavor compound cis-3-hexen-1-ol (C3HEX), a compound typically described as 'green grassy' or the smell of 'cut grass'.

Cellular Location

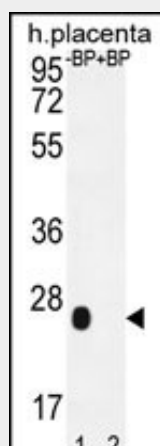
Cell membrane; Multi-pass membrane protein.

OR2J3 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](#)

OR2J3 Antibody (C-term) - Images



Western blot analysis of OR2J3 Antibody (C-term) Pab (Cat. #AP12012b) pre-incubated without (lane 1) and with (lane 2) blocking peptide in human placenta tissue lysate. OR2J3 Antibody (C-term) (arrow) was detected using the purified Pab.

OR2J3 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.

OR2J3 Antibody (C-term) - References

Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) : Menashe, I., et al. BMC Bioinformatics 7, 393 (2006) : 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) Glusman, G., et al. Genome Res. 11(5):685-702(2001)