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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'.

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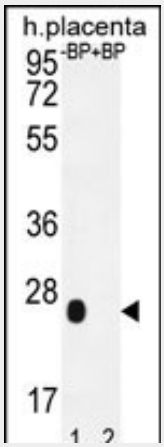
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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)