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OR1C1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18424b

Specification

OR1C1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q15619
Other Accession	NP_036485.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35042**
Antigen Region	**278-303**

OR1C1 Antibody (C-term) - Additional Information

Gene ID 26188

Other Names
Olfactory receptor 1C1, Olfactory receptor OR1-42, Olfactory receptor TPCR27, OR1C1

Target/Specificity
This OR1C1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-303 amino acids from the C-terminal region of human OR1C1.

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
OR1C1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR1C1 Antibody (C-term) - Protein Information

Name OR1C1

Function Odorant receptor.

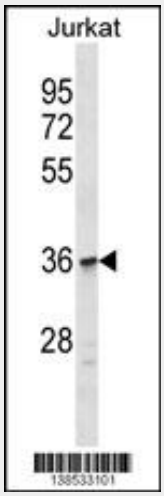
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR1C1 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

OR1C1 Antibody (C-term) - Images



OR1C1 Antibody (C-term) (Cat. #AP18424b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the OR1C1 Antibody detected the OR1C1 protein (arrow).

OR1C1 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.

OR1C1 Antibody (C-term) - References

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)
Vanderhaeghen, P., et al. Genomics 39(3):239-246(1997)