10320 Camino Santa Fe, Suite G
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OR1Q1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19192b

Specification

OR1Q1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q15612
Other Accession	NP_036496.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35598**
Antigen Region	**246-272**

OR1Q1 Antibody (C-term) - Additional Information

Gene ID 158131

Other Names
Olfactory receptor 1Q1, OST226, Olfactory receptor 1Q2, Olfactory receptor 1Q3, Olfactory receptor 9-A, OR9-A, Olfactory receptor OR9-25, Olfactory receptor TPCR106, OR1Q1, OR1Q2, OR1Q3

Target/Specificity
This OR1Q1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 246-272 amino acids from the C-terminal region of human OR1Q1.

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
OR1Q1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR1Q1 Antibody (C-term) - Protein Information

Name OR1Q1

Synonyms OR1Q2, OR1Q3

Function Odorant receptor.

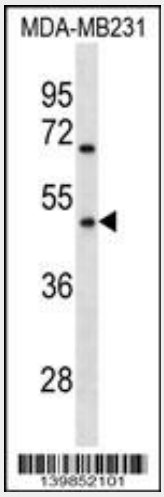
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR1Q1 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

OR1Q1 Antibody (C-term) - Images



OR1Q1 Antibody (C-term) (Cat. #AP19192b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the OR1Q1 antibody detected the OR1Q1 protein (arrow).

OR1Q1 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.

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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)