10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR4P4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12372b

Specification

OR4P4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGL7
Other Accession	NP_001004124.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35795**
Antigen Region	**205-233**

OR4P4 Antibody (C-term) - Additional Information

Gene ID 81300

Other Names
Olfactory receptor 4P4, Olfactory receptor 4P3, OR4P4, OR4P3P

Target/Specificity
This OR4P4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-233 amino acids from the C-terminal region of human OR4P4.

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
OR4P4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR4P4 Antibody (C-term) - Protein Information

Name OR4P4

Synonyms OR4P3P

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Function Odorant receptor.

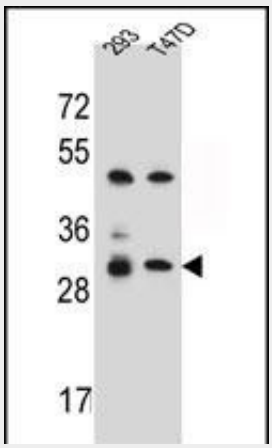
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR4P4 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

OR4P4 Antibody (C-term) - Images



OR4P4 Antibody (C-term) (Cat. #AP12372b) western blot analysis in 293,T47D cell line lysates (35ug/lane).This demonstrates the OR4P4 antibody detected the OR4P4 protein (arrow).

OR4P4 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.

OR4P4 Antibody (C-term) - References

Fuchs, T., et al. Genomics 80(3):295-302(2002)