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OR4D6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13272b

Specification

OR4D6 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGJ1
Other Accession	NP_001004708.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35954**
Antigen Region	**285-312**

OR4D6 Antibody (C-term) - Additional Information

Gene ID 219983

Other Names
Olfactory receptor 4D6, Olfactory receptor OR11-250, OR4D6

Target/Specificity
This OR4D6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-312 amino acids from the C-terminal region of human OR4D6.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

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
OR4D6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR4D6 Antibody (C-term) - Protein Information

Name OR4D6

Function Odorant receptor.

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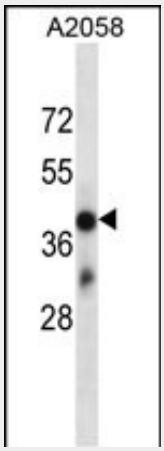
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR4D6 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

OR4D6 Antibody (C-term) - Images



OR4D6 Antibody (C-term) (Cat. #AP13272b) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the OR4D6 antibody detected the OR4D6 protein (arrow).

OR4D6 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.

OR4D6 Antibody (C-term) - References

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)