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OR10H1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10861b

Specification

OR10H1 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q9Y4A9
Other Accession	NP_039228.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35254**
Antigen Region	**245-273**

OR10H1 Antibody (C-term) - Additional Information

Gene ID 26539

Other Names
Olfactory receptor 10H1, Olfactory receptor OR19-27, OR10H1

Target/Specificity
This OR10H1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-273 amino acids from the C-terminal region of human OR10H1.

Dilution
WB~~1:1000
FC~~1:10~50

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
OR10H1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR10H1 Antibody (C-term) - Protein Information

Name OR10H1

Function Odorant receptor.

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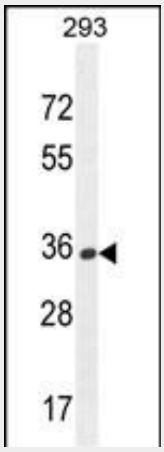
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR10H1 Antibody (C-term) - Protocols

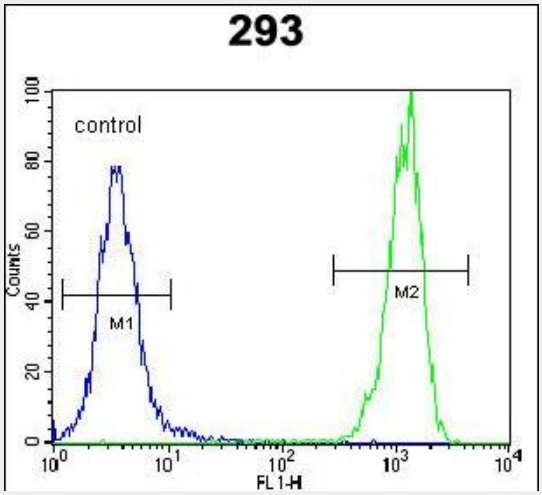
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OR10H1 Antibody (C-term) - Images



OR10H1 Antibody (C-term) (Cat. #AP10861b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the OR10H1 antibody detected the OR10H1 protein (arrow).



OR10H1 Antibody (C-term) (Cat. #AP10861b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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OR10H1 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.

OR10H1 Antibody (C-term) - References

Grimwood, J., et al. Nature 428(6982):529-535(2004)
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)