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OR14C36 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13761b

Specification

OR14C36 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NHC7
Other Accession	NP_001001918.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34815**
Antigen Region	**284-312**

OR14C36 Antibody (C-term) - Additional Information

Gene ID 127066

Other Names
Olfactory receptor 14C36, Olfactory receptor 5BF1, Olfactory receptor OR1-59, OR14C36, OR5BF1

Target/Specificity
This OR14C36 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-312 amino acids from the C-terminal region of human OR14C36.

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
OR14C36 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR14C36 Antibody (C-term) - Protein Information

Name OR14C36

Synonyms OR5BF1

Function Odorant receptor.

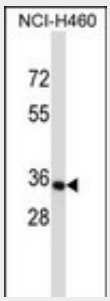
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR14C36 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

OR14C36 Antibody (C-term) - Images



OR14C36 Antibody (C-term) (Cat. #AP13761b) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the OR14C36 antibody detected the OR14C36 protein (arrow).

OR14C36 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.

OR14C36 Antibody (C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)