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OR9G4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16377b

Specification

OR9G4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NGQ1
Other Accession	NP_001005284.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36344**
Antigen Region	**259-287**

OR9G4 Antibody (C-term) - Additional Information

Gene ID 283189

Other Names
Olfactory receptor 9G4, Olfactory receptor OR11-216, OR9G4

Target/Specificity
This OR9G4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-287 amino acids from the C-terminal region of human OR9G4.

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
OR9G4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR9G4 Antibody (C-term) - Protein Information

Name OR9G4

Function Odorant receptor.

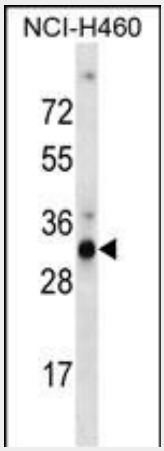
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR9G4 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

OR9G4 Antibody (C-term) - Images



OR9G4 Antibody (C-term) (Cat. #AP16377b) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the OR9G4 antibody detected the OR9G4 protein (arrow).

OR9G4 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.

OR9G4 Antibody (C-term) - References

Yang, Q., et al. BMC Med. Genet. 8 SUPPL 1, S12 (2007) :
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)