

OR8K1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13997b

Specification

OR8K1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NGG5
Other Accession	NP_001002907.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36581
Antigen Region	286-314

OR8K1 Antibody (C-term) - Additional Information

Gene ID 390157

Other Names

Olfactory receptor 8K1, Olfactory receptor OR11-182, OR8K1

Target/Specificity

This OR8K1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-314 amino acids from the C-terminal region of human OR8K1.

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

OR8K1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR8K1 Antibody (C-term) - Protein Information

Name OR8K1

Function Odorant receptor.

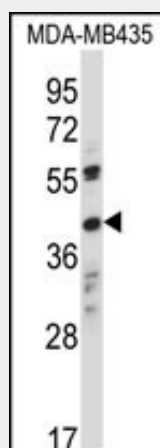
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR8K1 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 Cytometry](#)
- [Cell Culture](#)

OR8K1 Antibody (C-term) - Images

OR8K1 Antibody (C-term) (Cat. #AP13997b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the OR8K1 antibody detected the OR8K1 protein (arrow).

OR8K1 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.

OR8K1 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)