

OR2T27 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12536b

Specification

OR2T27 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NH04
Other Accession	NP_001001824.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35514
Antigen Region	208-236

OR2T27 Antibody (C-term) - Additional Information

Gene ID 403239

Other Names

Olfactory receptor 2T27, Olfactory receptor OR1-67, OR2T27

Target/Specificity

This OR2T27 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-236 amino acids from the C-terminal region of human OR2T27.

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

OR2T27 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2T27 Antibody (C-term) - Protein Information

Name OR2T27

Function Odorant receptor.

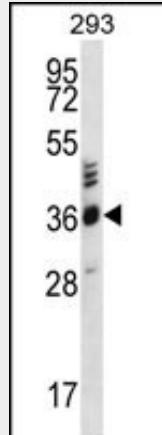
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR2T27 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](#)

OR2T27 Antibody (C-term) - Images

OR2T27 Antibody (C-term) (Cat. #AP12536b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OR2T27 antibody detected the OR2T27 protein (arrow).

OR2T27 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.

OR2T27 Antibody (C-term) - References

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