

OR12D3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18380b**Specification**

OR12D3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9UGF7
Other Accession	NP_112221.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35791
Antigen Region	287-313

OR12D3 Antibody (C-term) - Additional Information**Gene ID** 81797**Other Names**

Olfactory receptor 12D3, Hs6M1-27, Olfactory receptor OR6-27, OR12D3

Target/Specificity

This OR12D3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-313 amino acids from the C-terminal region of human OR12D3.

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

OR12D3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR12D3 Antibody (C-term) - Protein Information**Name** OR12D3**Function** Odorant receptor.

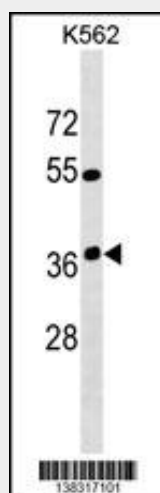
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR12D3 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](#)

OR12D3 Antibody (C-term) - Images

OR12D3 Antibody (C-term) (Cat. #AP18380b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the OR12D3 Antibody detected the OR12D3 protein (arrow).

OR12D3 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.

OR12D3 Antibody (C-term) - References

McElroy, J.P., et al. Hum. Mol. Genet. 19(15):3080-3088(2010)

Pelak, K., et al. J. Infect. Dis. 201(8):1141-1149(2010)
Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)