

OR3A3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18920b**Specification**

OR3A3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P47888
Other Accession	P47883 , NP_036505.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34963
Antigen Region	255-281

OR3A3 Antibody (C-term) - Additional Information**Gene ID** 8392**Other Names**

Olfactory receptor 3A3, Olfactory receptor 17-201, OR17-201, Olfactory receptor 3A6, Olfactory receptor 3A7, Olfactory receptor 3A8, Olfactory receptor OR17-22, OR3A3, OR3A6, OR3A7, OR3A8P

Target/Specificity

This OR3A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-281 amino acids from the C-terminal region of human OR3A3.

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

OR3A3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR3A3 Antibody (C-term) - Protein Information**Name** OR3A3

Synonyms OR3A6, OR3A7, OR3A8P

Function Odorant receptor.

Cellular Location

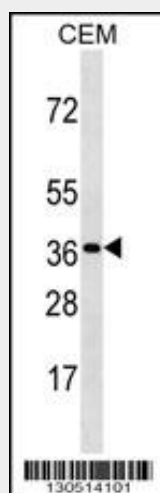
Cell membrane; Multi-pass membrane protein.

OR3A3 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](#)

OR3A3 Antibody (C-term) - Images



OR3A3 Antibody (C-term) (Cat. #AP18920b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the OR3A3 antibody detected the OR3A3 protein (arrow).

OR3A3 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.

OR3A3 Antibody (C-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Zody, M.C., et al. Nature 440(7087):1045-1049(2006)
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)
Gilad, Y., et al. Mol. Biol. Evol. 20(3):307-314(2003)
Fuchs, T., et al. Genomics 80(3):295-302(2002)