

OR1N1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13812b

Specification

OR1N1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O8NGS0
Other Accession	NP_036495.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34650
Antigen Region	277-306

OR1N1 Antibody (C-term) - Additional Information

Gene ID 138883

Other Names

Olfactory receptor 1N1, Olfactory receptor 1-26, OR1-26, Olfactory receptor 1N3, Olfactory receptor OR9-22, OR1N1, OR1N3

Target/Specificity

This OR1N1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-306 amino acids from the C-terminal region of human OR1N1.

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

OR1N1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR1N1 Antibody (C-term) - Protein Information

Name OR1N1

Synonyms OR1N3

Function Odorant receptor.

Cellular Location

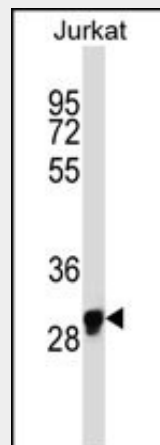
Cell membrane; Multi-pass membrane protein.

OR1N1 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](#)

OR1N1 Antibody (C-term) - Images



OR1N1 Antibody (C-term) (Cat. #AP13812b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the OR1N1 antibody detected the OR1N1 protein (arrow).

OR1N1 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.

OR1N1 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)
Rouquier, S., et al. Nat. Genet. 18(3):243-250(1998)