

OR2G3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13268b

Specification

OR2G3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NGZ4
Other Accession	NP_001001914.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34506
Antigen Region	245-272

OR2G3 Antibody (C-term) - Additional Information

Gene ID 81469

Other Names

Olfactory receptor 2G3, Olfactory receptor OR1-33, OR2G3

Target/Specificity

This OR2G3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-272 amino acids from the C-terminal region of human OR2G3.

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

OR2G3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2G3 Antibody (C-term) - Protein Information

Name OR2G3

Function Odorant receptor.

Cellular Location

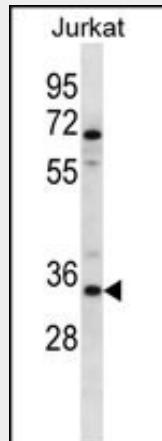
Cell membrane; Multi-pass membrane protein.

OR2G3 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](#)

OR2G3 Antibody (C-term) - Images



OR2G3 Antibody (C-term) (Cat. #AP13268b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the OR2G3 antibody detected the OR2G3 protein (arrow).

OR2G3 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.

OR2G3 Antibody (C-term) - References

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