

OR2W3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11259b

Specification

OR2W3 Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	Q7Z3T1
Other Accession	NP_001001957.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34789
Antigen Region	286-314

OR2W3 Antibody (C-term) - Additional Information

Gene ID 343171

Other Names

Olfactory receptor 2W3, Olfactory receptor 2W8, Olfactory receptor OR1-49, OR2W3, OR2W3P, OR2W8P

Target/Specificity

This OR2W3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-314 amino acids from the C-terminal region of human OR2W3.

Dilution

FC~~1:10~50

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

OR2W3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2W3 Antibody (C-term) - Protein Information

Name OR2W3

Synonyms OR2W3P, OR2W8P

Function Odorant receptor.

Cellular Location

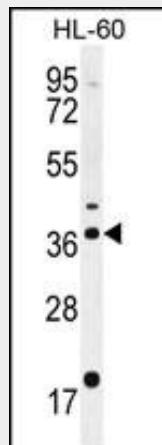
Cell membrane; Multi-pass membrane protein.

OR2W3 Antibody (C-term) - Protocols

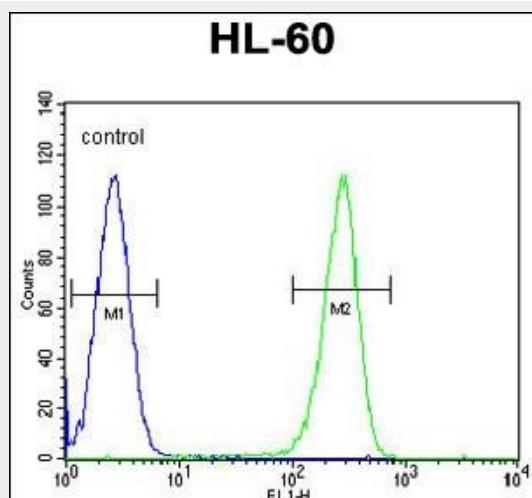
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OR2W3 Antibody (C-term) - Images



OR2W3 Antibody (C-term) (Cat. #AP11259b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the OR2W3 antibody detected the OR2W3 protein (arrow).



OR2W3 Antibody (C-term) (Cat. #AP11259b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

OR2W3 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.

OR2W3 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)