

OR2L13 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11273b

Specification

OR2L13 Antibody (C-term) - Product Information

Application WB, FC, E **Primary Accession O8N349** Other Accession NP 787107.1 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 35634 Antigen Region 244-271

OR2L13 Antibody (C-term) - Additional Information

Gene ID 284521

Other Names

Olfactory receptor 2L13, Olfactory receptor 2L14, OR2L13, OR2L14

Target/Specificity

This OR2L13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-271 amino acids from the C-terminal region of human OR2L13.

Dilution

WB~~1:1000 FC~~1:10~50

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

OR2L13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR2L13 Antibody (C-term) - Protein Information

Name OR2L13

Synonyms OR2L14



Function Odorant receptor.

Cellular Location

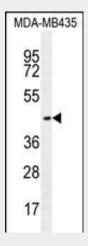
Cell membrane; Multi-pass membrane protein.

OR2L13 Antibody (C-term) - Protocols

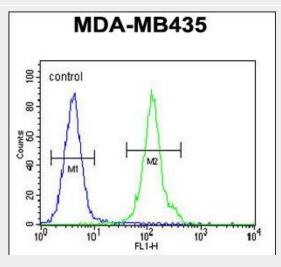
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OR2L13 Antibody (C-term) - Images



OR2L13 Antibody (C-term) (Cat. #AP11273b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the OR2L13 antibody detected the OR2L13 protein (arrow).



OR2L13 Antibody (C-term) (Cat. #AP11273b) flow cytometric analysis of MDA-MB435 cells (right



histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

OR2L13 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.

OR2L13 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Lamesch, P., et al. Genomics 89(3):307-315(2007)