

OR51B6 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18220b

Specification

OR51B6 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9H340
Other Accession	NP_001004750.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35269
Antigen Region	244-271

OR51B6 Antibody (C-term) - Additional Information

Gene ID 390058

Other Names

Olfactory receptor 51B6, Odorant receptor HOR5'beta6, OR51B6

Target/Specificity

This OR51B6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-271 amino acids from the C-terminal region of human OR51B6.

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

OR51B6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR51B6 Antibody (C-term) - Protein Information

Name OR51B6

Function Odorant receptor.

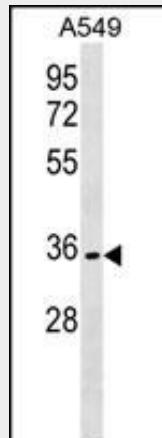
Cellular Location

Cell membrane; Multi-pass membrane protein.

OR51B6 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](#)

OR51B6 Antibody (C-term) - Images

OR51B6 Antibody (C-term) (Cat. #AP18220b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the OR51B6 antibody detected the OR51B6 protein (arrow).

OR51B6 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.

OR51B6 Antibody (C-term) - References

Solovieff, N., et al. Blood 115(9):1815-1822(2010)
Bulger, M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(26):14560-14565(2000)
Bulger, M., et al. Proc. Natl. Acad. Sci. U.S.A. 96(9):5129-5134(1999)