

OR56B1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18340a

Specification

OR56B1 Antibody (N-term) - Product Information

| | |
|-------------------|--------------------------------|
| Application | WB,E |
| Primary Accession | Q8NGI3 |
| Other Accession | NP_001005180.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 36050 |
| Antigen Region | 1-30 |

OR56B1 Antibody (N-term) - Additional Information

Gene ID 387748

Other Names

Olfactory receptor 56B1, Olfactory receptor OR11-65, OR56B1, OR56B1P

Target/Specificity

This OR56B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human OR56B1.

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

OR56B1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR56B1 Antibody (N-term) - Protein Information

Name OR56B1

Synonyms OR56B1P

Function Odorant receptor.

Cellular Location

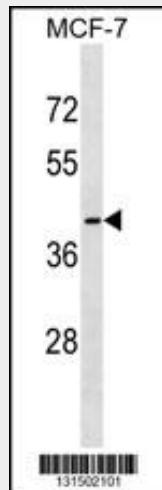
Cell membrane; Multi-pass membrane protein.

OR56B1 Antibody (N-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](#)

OR56B1 Antibody (N-term) - Images



OR56B1 Antibody (N-term) (Cat. #AP18340a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the OR56B1 Antibody detected the OR56B1 protein (arrow).

OR56B1 Antibody (N-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.

OR56B1 Antibody (N-term) - References

Denoeud, F., et al. Genome Res. 17(6):746-759(2007)
Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)