

OR4D11 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16382b**Specification**

OR4D11 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NGI4
Other Accession	NP_001004706.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34969
Antigen Region	284-311

OR4D11 Antibody (C-term) - Additional Information**Gene ID** 219986**Other Names**

Olfactory receptor 4D11, OR4D11, OR4D11P

Target/Specificity

This OR4D11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-311 amino acids from the C-terminal region of human OR4D11.

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

OR4D11 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR4D11 Antibody (C-term) - Protein Information**Name** OR4D11**Synonyms** OR4D11P

Function Odorant receptor.

Cellular Location

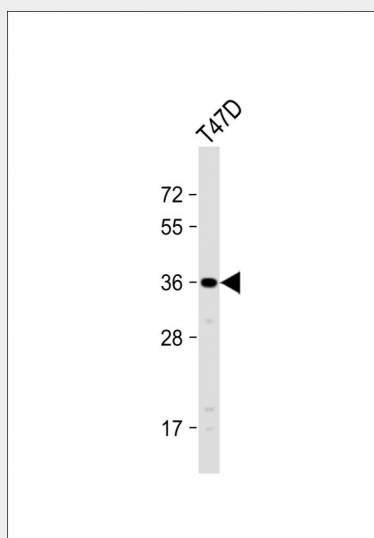
Cell membrane; Multi-pass membrane protein.

OR4D11 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](#)

OR4D11 Antibody (C-term) - Images



Anti-OR4D11 Antibody (C-term) at 1:1000 dilution + T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

OR4D11 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.

OR4D11 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)