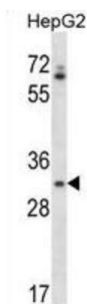


## Olfactory Receptor Family 4 Subfamily Q Member 3 (OR4Q3) Antibody

Catalogue No.: abx028392



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.

|                               |                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Olfactory Receptor Family 4 Subfamily Q Member 3 (OR4Q3)                                                |
| <b>Clonality:</b>             | Polyclonal                                                                                              |
| <b>Reactivity:</b>            | Human                                                                                                   |
| <b>Tested Applications:</b>   | ELISA, WB                                                                                               |
| <b>Host:</b>                  | Rabbit                                                                                                  |
| <b>Recommended dilutions:</b> | WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.                      |
| <b>Conjugation:</b>           | Unconjugated                                                                                            |
| <b>Immunogen:</b>             | KLH-conjugated synthetic peptide between 278-306 amino acids from the C-terminal region of human OR4Q3. |
| <b>Isotype:</b>               | IgG                                                                                                     |
| <b>Form:</b>                  | Liquid                                                                                                  |
| <b>Purification:</b>          | Purified through a protein A column, followed by peptide affinity purification.                         |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                          |
| <b>UniProt Primary AC:</b>    | Q8NH05 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                             |

# Datasheet

Version: 5.0.0

Revision date: 22 Oct 2025



**Gene Symbol:** OR4Q3

**KEGG:** hsa:441669

**String:** [9606.ENSP00000330049](#)

**Molecular Weight:** Calculated MW: 35.5 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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