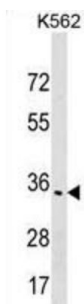


Olfactory Receptor 1F1 (OR1F1) Antibody

Catalogue No.: abx030069



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.

Target: Olfactory Receptor 1F1 (OR1F1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 275-303 amino acids from the C-terminal region of human OR1F1.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O43749 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0

Revision date: 13 Jun 2025



Gene Symbol: OR1F1

KEGG: hsa:4992

String: [9606.ENSP00000305424](https://string-db.org/cgi/show.do?query=OR1F1&organism=Homo%20sapiens&score=0.5&network=1&color=1&highlight=1&search=1&show=1&view=1)

Molecular Weight: Calculated MW: 34.9 kDa

Buffer: PBS containing 0.09% sodium azide.

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