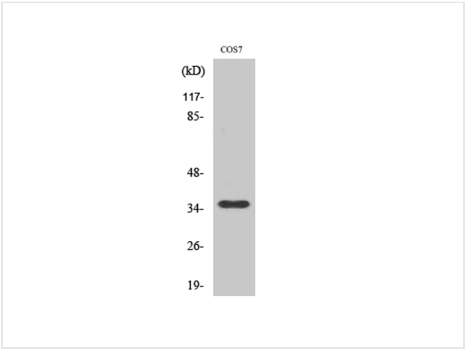
# Olfactory Receptor 10s1 (OR10S1) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Olfactory receptor 10S1 (OR10S1), Polyclonal Antibody |
| **Full Product Name** | Olfactory receptor 10S1 Polyclonal Antibody |
| **Product Gene Name** | anti-OR10S1 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Monkey |
| **Purity/Purification** | Antigen Affinity Purified |
| **Concentration** | 1 mg/ml (lot specific) |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze / thaw cycles. |
| **Molecular Weight** | Calculated MW: 35<br>Observed MW: 35 |
| **Immunogen** | Synthesized peptide derived from the Internal region of human Olfactory receptor 10S1. |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-OR10S1 antibody** | Western Blot (WB), Immunofluorescence (IF), ELISA (EIA) |
| **Application Notes for anti-OR10S1 antibody** | WB: 1:500-1:2000, IF: 1:50-1:100, ELISA: 1:5000-1:20000 |
| **Related Product Information for anti-OR10S1 antibody** | MBS2537866 is an antibody targeting OR10S1. Also known as Olfactory receptor 10S1 Polyclonal Antibody. Reactive in Human, Monkey. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-OR10S1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-OR10S1 antibody**
Western Blot analysis of COS7 cells using Olfactory receptor 10S1 Polyclonal Antibody at dilution of 1:2000.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR10S1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 52317182 |
| **NCBI GeneID** | 219873 |
| **NCBI Accession #** | NP_001004474.1 |
| **UniProt Secondary Accession #** | Q6IEV3; Q96R78; B9EH43 |
| **UniProt Related Accession #** | Q8NGN2 |
| **GenBank Nucleotide #** | NM_001004474.1 |
| **NCBI Official Full Name** | olfactory receptor 10S1 |
| **NCBI Official Synonym Full Names** | olfactory receptor family 10 subfamily S member 1 |
| **NCBI Official Symbol** | OR10S1 |
| **NCBI Official Synonym Symbols** | OR11-279 |
| **UniProt Protein Name** | Olfactory receptor 10S1 |
| **UniProt Synonym Protein Names** | Olfactory receptor OR11-279 |
| **Protein Family** | Olfactory receptor |
| **UniProt Gene Name** | OR10S1 |
| **UniProt Entry Name** | O10S1_HUMAN |
| **NCBI Protein Information** | olfactory receptor 10S1 |
| **NCBI Summary for OR10S1** | 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. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for OR10S1** | OR10S1: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family.<br><br>Protein type: Membrane protein, integral; GPCR, family 1; Membrane protein, multi-pass; Receptor, GPCR<br><br>Chromosomal Location of Human Ortholog: 11q24.1<br><br>Cellular Component: integral to membrane; plasma membrane<br><br>Molecular Function: G-protein coupled receptor activity; olfactory receptor activity<br><br>Biological Process: detection of chemical stimulus involved in sensory perception of smell; G-protein coupled receptor protein signaling pathway; sensory perception of smell |
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