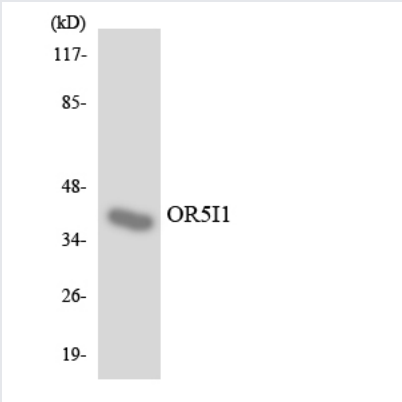
# OR5I1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | OR5I1, Polyclonal Antibody |
| **Full Product Name** | OR5I1 Antibody |
| **Product Gene Name** | anti-OR5I1 antibody |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Purity/Purification** | Purified from rabbit antiserum by affinity-chromatography using immunogen. |
| **Concentration** | 1 mg/ml (lot specific) |
| **Specificity** | OR5I1 Antibody detects endogenous levels of OR5I1. |
| **Preparation and Storage** | Stable at -20 degree C for at least 1 year. |
| **Molecular Weight** | 36 kDa |
| **OMIM** | U56420 Genomic DNA |
| **3D Structure** | ModBase 3D Structure for Q13606 |
| **Target Modification** | Unmodified/Total |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human OR5I1. |
| **Immunogen Range** | 191-240 |
| **Applications Tested/Suitable for anti-OR5I1 antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-OR5I1 antibody** | WB: 1:500~1:1000<br>ELISA: 1:10000 |
| **Related Product Information for anti-OR5I1 antibody** | MBS9509927 is an antibody targeting OR5I1. Also known as OR5I1 Antibody. Reactive in Human. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-OR5I1 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-OR5I1 antibody**
Western blot analysis of the lysates from RAW264.7cells using OR5I1 antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5I1. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 5729960 |
| **NCBI GeneID** | 10798 |
| **NCBI Accession #** | NP_006628.1 |
| **UniProt Primary Accession #** | Q13606 |
| **UniProt Secondary Accession #** | Q6IEU4 |
| **UniProt Related Accession #** | Q13606 |
| **GenBank Nucleotide #** | NM_006637.1 |
| **NCBI Official Full Name** | olfactory receptor 5I1 |
| **NCBI Official Synonym Full Names** | olfactory receptor family 5 subfamily I member 1 |
| **NCBI Official Symbol** | OR5I1 |
| **NCBI Official Synonym Symbols** | OLF1; HSOlf1 |
| **UniProt Protein Name** | Olfactory receptor 5I1 |
| **UniProt Synonym Protein Names** | Olfactory receptor OR11-159; Olfactory receptor-like protein OLF1 |
| **Protein Family** | Olfactory receptor |
| **UniProt Gene Name** | OR5I1 |
| **UniProt Synonym Gene Names** | OLF1 |
| **NCBI Protein Information** | olfactory receptor 5I1 |
| **NCBI Summary for OR5I1** | 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 OR5I1** | Odorant receptor. |

| | |
|---|---|
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/or5i1/9509927