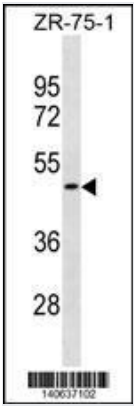
OR1S2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR1S2, Polyclonal Antibody
Full Product Name	OR1S2, CT (OR1S2, Olfactory receptor 1S2, Olfactory receptor OR11-231) (AP)
Product Gene Name	anti-OR1S2 antibody
Product Synonym Names	OR1S2; Olfactory receptor 1S2; Olfactory receptor OR11-231
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,579 Da
3D Structure	ModBase 3D Structure for Q8NGQ3
Immunogen	OR1S2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the C-terminal region of human OR1S2.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-OR1S2 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR1S2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-OR1S2 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR1S2 antibody	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.
Product References and Citations for anti-OR1S2 antibody	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).
Other Notes	Small volumes of anti-OR1S2 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.
Searchable Terms for OR1S2 purchase	MBS6328261 is an antibody targeting OR1S2. Also known as OR1S2, CT (OR1S2, Olfactory receptor 1S2, Olfactory receptor OR11-231) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR1S2 antibody
OR1S2 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the OR1S2 antibody detected the OR1S2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR1S2. It may not necessarily be applicable to this product.

NCBI GI #	52317168
NCBI GeneID	219958
NCBI Accession #	NP_001004459.1
UniProt Primary Accession #	Q8NGQ3
UniProt Secondary Accession #	Q6IFG5; Q96R85
UniProt Related Accession #	Q8NGQ3
GenBank Nucleotide #	NM_001004459.1
NCBI Official Full Name	olfactory receptor 1S2
NCBI Official Synonym Full Names	olfactory receptor family 1 subfamily S member 2
NCBI Official Symbol	OR1S2
NCBI Official Synonym Symbols	OR11-231
UniProt Protein Name	Olfactory receptor 1S2
UniProt Synonym Protein Names	Olfactory receptor OR11-231
Protein Family	Olfactory receptor
UniProt Gene Name	OR1S2
NCBI Protein Information	olfactory receptor 1S2
UniProt Comments for OR1S2	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. 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/or1s2/6328261