OR2M2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR2M2, Polyclonal Antibody
Full Product Name	OR2M2 Antibody, FITC conjugated
Product Gene Name	anti-OR2M2 antibody
Product Synonym Names	Olfactory receptor 2M2 (OST423); OR2M2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Purity/Purification	>95%, Antigen Affinity purified & Affinity purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	39,177 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (248343288..248344331). Location: 1q44
3D Structure	ModBase 3D Structure for Q96R28
Conjugation	FITC
Immunogen	Peptide sequence from Human Olfactory receptor 2M2 protein (259-273AA)
Product Categories/Family for anti-OR2M2 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR2M2 antibody	ELISA (EIA)
Related Product Information for anti-OR2M2 antibody	MBS7136367 is an antibody targeting OR2M2. Also known as OR2M2 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit. Odorant receptor.
Other Notes	Small volumes of anti-OR2M2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR2M2. It may not necessarily be applicable to this product.

NCBI GI #	52317204
NCBI GeneID	391194
NCBI Accession #	NP_001004688.1
UniProt Primary Accession #	Q96R28

UniProt Secondary Accession #	A3KFT4
UniProt Related Accession #	Q96R28
GenBank Nucleotide #	NM_001004688.1
NCBI Official Full Name	olfactory receptor 2M2
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily M, member 2
NCBI Official Symbol	OR2M2
NCBI Official Synonym Symbols	OR2M2Q; OST423
UniProt Protein Name	Olfactory receptor 2M2
UniProt Synonym Protein Names	OST423
Protein Family	Olfactory receptor
UniProt Gene Name	OR2M2
UniProt Entry Name	OR2M2_HUMAN
NCBI Protein Information	olfactory receptor 2M2
NCBI Summary for OR2M2	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 OR2M2	OR2M2: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, multi-pass; GPCR, family 1; Receptor, GPCR; Membrane protein, integral Chromosomal Location of Human Ortholog: 1q44 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; olfactory receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; detection of chemical stimulus involved in sensory perception of smell
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/or2m2/7136367