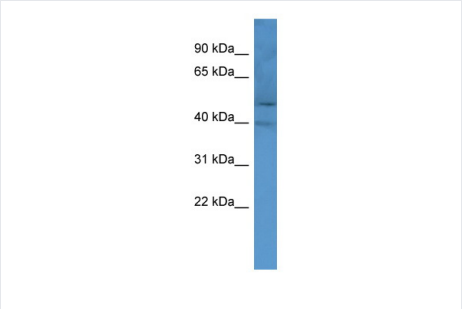
OR2M2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR2M2, Polyclonal Antibody
Full Product Name	OR2M2 antibody - C-terminal region
Product Gene Name	anti-OR2M2 antibody
Product Synonym Gene Name	OR2M2Q; OST423
Immunogen Sequence	Synthetic peptide located within the following region: KEVTRAFMKI LGKGKSESEL PHKLYVLLFA KFFFLISIFF YDVKILALIM
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	OR2M2 peptide (MBS3239415) is used for blocking the activity of OR2M2 antibody (MBS3214478)
Molecular Weight	39kDa
3D Structure	ModBase 3D Structure for Q96R28
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human OR2M2
Product Categories/Family for anti-OR2M2 antibody	Polyclonal; Signaling Intermediate; Membrane Protein
Applications Tested/Suitable for anti-OR2M2 antibody	Western Blot (WB)
Related Product Information for anti-OR2M2 antibody	This is a rabbit polyclonal antibody against OR2M2. It was validated on Western Blot Target Description: 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.
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.
Searchable Terms for OR2M2 purchase	MBS3214478 is an antibody targeting OR2M2. Also known as OR2M2 antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR2M2 antibody
WB Suggested Anti-OR2M2 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: MCF7 cell lysate

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
UniProt Primary Accession #	Q96R28
UniProt Related Accession #	Q96R28
GenBank Nucleotide #	NM_001004688
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.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/or2m2/3214478