OR2T35 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR2T35, Polyclonal Antibody
Full Product Name	OR2T35, CT (OR2T35, Olfactory receptor 2T35, Olfactory receptor OR1-66) (MaxLight 750)
Product Gene Name	anti-OR2T35 antibody
Product Synonym Names	OR2T35; Olfactory receptor 2T35; Olfactory receptor OR1-66
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 MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. 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. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,101 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (248801588..248802559, complement). Location: 1q44
3D Structure	ModBase 3D Structure for Q8NGX2
Immunogen	OR2T35 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-323 amino acids from the C-terminal region of human OR2T35.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-OR2T35 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR2T35 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR2T35 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR2T35 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-OR2T35 antibody	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004).

Other Notes	Small volumes of anti-OR2T35 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 OR2T35 purchase	MBS6328523 is an antibody targeting OR2T35. Also known as OR2T35, CT (OR2T35, Olfactory receptor 2T35, Olfactory receptor OR1-66) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR2T35. It may not necessarily be applicable to this product.

NCBI GI #	49226830
NCBI GeneID	403244
NCBI Accession #	NP_001001827.1
UniProt Primary Accession #	Q8NGX2
UniProt Secondary Accession #	Q6IEY7
UniProt Related Accession #	Q8NGX2
GenBank Nucleotide #	NM_001001827.1
NCBI Official Full Name	olfactory receptor 2T35
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily T, member 35
NCBI Official Symbol	OR2T35
UniProt Protein Name	Olfactory receptor 2T35
UniProt Synonym Protein Names	Olfactory receptor OR1-66
Protein Family	Olfactory receptor
UniProt Gene Name	OR2T35
UniProt Entry Name	O2T35_HUMAN
NCBI Protein Information	olfactory receptor 2T35; olfactory receptor OR1-66
UniProt Comments for OR2T35	OR2T35: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, integral; GPCR, family 1; Receptor, GPCR; Membrane protein, multi-pass 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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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.

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