OR2T6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR2T6, Polyclonal Antibody
Full Product Name	OR2T6, CT (OR2T6, OR2T6P, OR2T9, Olfactory receptor 2T6, OST703, Olfactory receptor 2T9) (MaxLight 490)
Product Gene Name	anti-OR2T6 antibody
Product Synonym Names	OR2T6; OR2T6P; OR2T9; Olfactory receptor 2T6; OST703; Olfactory receptor 2T9
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 MaxLight490.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	34,765 Da
3D Structure	ModBase 3D Structure for Q8NHC8
Immunogen	OR2T6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-272 amino acids from the C-terminal region of human OR2T6.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-OR2T6 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR2T6 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR2T6 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR2T6 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-OR2T6 antibody	Fuchs, T., et al. Genomics 80(3):295-302(2002).
Other Notes	Small volumes of anti-OR2T6 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 OR2T6 purchase	MBS6328542 is an antibody targeting OR2T6. Also known as OR2T6, CT (OR2T6, OR2T6P, OR2T9, Olfactory receptor 2T6, OST703, Olfactory receptor 2T9) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR2T6. It may not necessarily be applicable to this product.

NCBI GI #	53793690
NCBI GeneID	254879
NCBI Accession #	NP_001005471.1
UniProt Primary Accession #	Q8NHC8
UniProt Secondary Accession #	A6NE36
UniProt Related Accession #	Q8NHC8
GenBank Nucleotide #	NM_001005471.1
NCBI Official Full Name	olfactory receptor 2T6
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily T, member 6
NCBI Official Symbol	OR2T6
NCBI Official Synonym Symbols	OR2T9; OR2T6P; OST703
UniProt Protein Name	Olfactory receptor 2T6
UniProt Synonym Protein Names	OST703; Olfactory receptor 2T9
Protein Family	Olfactory receptor
UniProt Gene Name	OR2T6
UniProt Synonym Gene Names	OR2T6P; OR2T9
UniProt Entry Name	OR2T6_HUMAN
NCBI Protein Information	olfactory receptor 2T6; olfactory receptor 2T9; seven transmembrane helix receptor; olfactory receptor, family 2, subfamily T, member 6 pseudogene
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