Olfactory Receptor 2t2/35 (2T2/35) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Olfactory receptor 2T2/35, Polyclonal Antibody
Full Product Name	Olfactory receptor 2T2/35 Polyclonal Antibody
Product Gene Name	anti-2T2/35 antibody
Product Synonym Names	OR2T35; Olfactory receptor 2T35; Olfactory receptor OR1-66; OR2T2; OR2T2P; Olfactory receptor 2T2; Olfactory receptor OR1-43
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	Olfactory receptor 2T2/35 Polyclonal Antibody detects endogenous levels of Olfactory receptor 2T2/35 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
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	Synthesized peptide derived from the Internal region of human Olfactory receptor 2T2/35.
Product Categories/Family for anti-2T2/35 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-2T2/35 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-2T2/35 antibody	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:5000
Related Product Information for anti-2T2/35 antibody	MBS8592567 is an antibody targeting 2T2/35. Also known as Olfactory receptor 2T2/35 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-2T2/35 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 2T2/35. 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
UniProt Gene Name	OR2T35
UniProt Entry Name	O2T35_HUMAN
NCBI Protein Information	olfactory receptor 2T35; olfactory receptor OR1-66
NCBI Summary for 2T2/35	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 2T2/35	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
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