Olfactory Receptor 5m3 (5M3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Olfactory receptor 5M3, Polyclonal Antibody
Full Product Name	Olfactory receptor 5M3 Polyclonal Antibody
Product Gene Name	anti-5M3 antibody
Product Synonym Names	OR5M3; Olfactory receptor 5M3; Olfactory receptor OR11-191
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 5M3 Polyclonal Antibody detects endogenous levels of Olfactory receptor 5M3 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	35,156 Da
3D Structure	ModBase 3D Structure for Q8NGP4
Immunogen	Synthesized peptide derived from the Internal region of human Olfactory receptor 5M3.
Product Categories/Family for anti-5M3 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-5M3 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-5M3 antibody	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:5000
Related Product Information for anti-5M3 antibody	MBS8592579 is an antibody targeting 5M3. Also known as Olfactory receptor 5M3 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-5M3 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 5M3. It may not necessarily be applicable to this product.

NCBI GI #	334085245
NCBI GeneID	219482
NCBI Accession #	NP_001004742.2
UniProt Primary Accession #	Q8NGP4

UniProt Secondary Accession #	Q6IEW4; Q96RC0; B2RNM7
UniProt Related Accession #	Q8NGP4
GenBank Nucleotide #	NM_001004742.2
NCBI Official Full Name	olfactory receptor 5M3
NCBI Official Synonym Full Names	olfactory receptor, family 5, subfamily M, member 3
NCBI Official Symbol	OR5M3
NCBI Official Synonym Symbols	OR11-191
UniProt Protein Name	Olfactory receptor 5M3
UniProt Synonym Protein Names	Olfactory receptor OR11-191
Protein Family	Olfactory receptor
UniProt Gene Name	OR5M3
UniProt Entry Name	OR5M3_HUMAN
NCBI Protein Information	olfactory receptor 5M3
NCBI Summary for 5M3	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]
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