TAAR9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TAAR9, Polyclonal Antibody
Full Product Name	TAAR9, CT (TAAR9, TA3, TAR3, TRAR3, Trace amine-associated receptor 9, Trace amine receptor 3) (MaxLight 550)
Product Gene Name	anti-TAAR9 antibody
Product Synonym Names	TAAR9; TA3; TAR3; TRAR3; Trace amine-associated receptor 9; Trace amine receptor 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	39,016 Da
OMIM	608282
3D Structure	ModBase 3D Structure for Q96RI9
Immunogen	TAAR9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-255 amino acids from the C-terminal region of human TAAR9.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-TAAR9 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-TAAR9 antibody	Western Blot (WB), FLISA
Application Notes for anti-TAAR9 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TAAR9 antibody	TAAR9 is a member of a large family of rhodopsin G protein-coupled receptors (GPCRs, or GPRs). GPCRs contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.
Product References and Citations for anti-TAAR9 antibody	Muller, D.J., et al. J Psychiatr Res 44(9):598-604(2010). Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008). Liberles, S.D., et al. Nature 442(7103):645-650(2006). Lindemann, L., et al. Genomics 85(3):372-385(2005). Vanti, W.B., et al. Genomics 82(5):531-536(2003).
Other Notes	Small volumes of anti-TAAR9 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 TAAR9 purchase	MBS6353189 is an antibody targeting TAAR9. Also known as TAAR9, CT (TAAR9, TA3, TAR3, TRAR3, Trace amine-associated receptor 9, Trace amine receptor 3) (MaxLight 550). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAAR9. It may not necessarily be applicable to this product.

NCBI GI #	110618256
NCBI GeneID	134860
NCBI Accession #	NP_778227.3
UniProt Primary Accession #	Q96RI9
UniProt Related Accession #	Q96RI9
GenBank Nucleotide #	NM_175057.3
NCBI Official Full Name	trace amine-associated receptor 9
NCBI Official Synonym Full Names	trace amine associated receptor 9 (gene/pseudogene)
NCBI Official Symbol	TAAR9
NCBI Official Synonym Symbols	TA3; TAR3; TAR9; TRAR3
UniProt Protein Name	Trace amine-associated receptor 9
UniProt Synonym Protein Names	Trace amine receptor 3; TaR-3
Protein Family	Trace amine-associated receptor
UniProt Gene Name	TAAR9
UniProt Synonym Gene Names	TA3; TAR3; TRAR3; TaR-9; Trace amine receptor 9; TaR-3
UniProt Entry Name	TAAR9_HUMAN
NCBI Protein Information	trace amine-associated receptor 9; trace amine receptor 3; trace amine receptor 9
UniProt Comments for TAAR9	TAAR9: Orphan receptor. Could be a receptor for trace amines. Trace amines are biogenic amines present in very low levels in mammalian tissues. Although some trace amines have clearly defined roles as neurotransmitters in invertebrates, the extent to which they function as true neurotransmitters in vertebrates has remained speculative. Trace amines are likely to be involved in a variety of physiological functions that have yet to be fully understood. Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, multi-pass; GPCR, family 1; Membrane protein, integral; Receptor, GPCR Chromosomal Location of Human Ortholog: 6q23.2 Cellular Component: plasma membrane; integral to membrane Molecular Function: G-protein coupled receptor activity; trace-amine receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
Research Articles on TAAR9	**1.** Observational study of gene-disease association. (HuGE Navigator)
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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