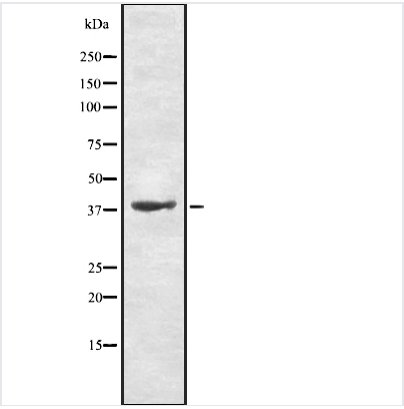
TAAR9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TAAR9, Polyclonal Antibody
Full Product Name	TAAR9 Antibody
Product Gene Name	anti-TAAR9 antibody
Product Synonym Names	Taar9; TAAR9_HUMAN; TaR-3; TaR-9; TAR3; TAR9; Trace amine receptor 3; Trace amine receptor 9; Trace amine-associated receptor 9; TRAR3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	TAAR9 antibody detects endogenous levels of total TAAR9
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	TAAR9 peptide (MBS9620612) is used for blocking the activity of TAAR9 antibody (MBS9603135)
Molecular Weight	Observed: 39 kDa Predicted: 40 kDa
3D Structure	ModBase 3D Structure for Q96RI9
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human TAAR9
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TAAR9 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TAAR9 antibody	WB: 1:1000-3000
Related Product Information for anti-TAAR9 antibody	Function: 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. Similarity: Belongs to the G-protein coupled receptor 1 family.
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	MBS9603135 is an antibody targeting TAAR9. Also known as TAAR9 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-TAAR9 antibody
Western blot analysis of TAAR9 using HT-29 whole cell lysates

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
NCBI Protein Information	trace amine-associated receptor 9
NCBI Summary for TAAR9	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.[supplied by OMIM, Jul 2005]
UniProt Comments for 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.
Research Articles on TAAR9	**1.** Observational study of gene-disease association. (HuGE Navigator)

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