OR10A2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR10A2, Polyclonal Antibody
Full Product Name	OR10A2 Antibody, FITC conjugated
Product Gene Name	anti-OR10A2 antibody
Product Synonym Names	Olfactory receptor 10A2 (HP4) (Olfactory receptor OR11-86); OR10A2; OR10A2P
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	33,817 Da
3D Structure	ModBase 3D Structure for Q9H208
Conjugation	FITC
Immunogen	Peptide sequence from Human Olfactory receptor 10A2 protein (247-262AA)
Product Categories/Family for anti-OR10A2 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR10A2 antibody	ELISA (EIA)
Related Product Information for anti-OR10A2 antibody	MBS7136423 is an antibody targeting OR10A2. Also known as OR10A2 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit. Odorant receptor.
Other Notes	Small volumes of anti-OR10A2 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 OR10A2. It may not necessarily be applicable to this product.

NCBI GI #	52317178
NCBI GeneID	341276
NCBI Accession #	NP_001004460.1
UniProt Primary Accession #	Q9H208
UniProt Secondary Accession #	Q6IFG9; B2RNL9

UniProt Related Accession #	Q9H208
GenBank Nucleotide #	NM_001004460.1
NCBI Official Full Name	olfactory receptor 10A2
NCBI Official Synonym Full Names	olfactory receptor, family 10, subfamily A, member 2
NCBI Official Symbol	OR10A2
NCBI Official Synonym Symbols	OST363; OR10A2P; OR11-82; OR11-86
UniProt Protein Name	Olfactory receptor 10A2
UniProt Synonym Protein Names	HP4; Olfactory receptor OR11-86
Protein Family	Olfactory receptor
UniProt Gene Name	OR10A2
UniProt Synonym Gene Names	OR10A2P
UniProt Entry Name	O10A2_HUMAN
NCBI Protein Information	olfactory receptor 10A2; hP4 olfactory receptor; olfactory receptor OR11-86; olfactory receptor OR11-82 pseudogene; olfactory receptor, family 10, subfamily A, member 2 pseudogene
NCBI Summary for OR10A2	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]
Research Articles on OR10A2	**1.** Observational study of gene-disease association. (HuGE Navigator)
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