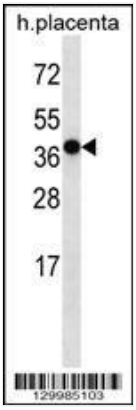
OR5H2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR5H2, Polyclonal Antibody
Full Product Name	OR5H2, CT (OR5H2, Olfactory receptor 5H2, Olfactory receptor OR3-10) (FITC)
Product Gene Name	anti-OR5H2 antibody
Product Synonym Names	OR5H2; Olfactory receptor 5H2; Olfactory receptor OR3-10
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	35,974 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (98001732..98002676). Location: 3q12.1
3D Structure	ModBase 3D Structure for Q8NGV7
Immunogen	OR5H2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 182-312 amino acids from the C-terminal region of human OR5H2.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-OR5H2 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR5H2 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR5H2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR5H2 antibody	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.
Product References and Citations for anti-OR5H2 antibody	Daly, A.K., et al. Nat. Genet. 41(7):816-819(2009). Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004).

Other Notes	Small volumes of anti-OR5H2 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 OR5H2 purchase	MBS6329243 is an antibody targeting OR5H2. Also known as OR5H2, CT (OR5H2, Olfactory receptor 5H2, Olfactory receptor OR3-10) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR5H2 antibody
OR5H2 Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the OR5H2 antibody detected the OR5H2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5H2. It may not necessarily be applicable to this product.

NCBI GI #	53828688
NCBI GeneID	79310
NCBI Accession #	NP_001005482.1
UniProt Primary Accession #	Q8NGV7
UniProt Secondary Accession #	Q6IF87
UniProt Related Accession #	Q8NGV7
GenBank Nucleotide #	NM_001005482.1
NCBI Official Full Name	olfactory receptor 5H2
NCBI Official Synonym Full Names	olfactory receptor, family 5, subfamily H, member 2
NCBI Official Symbol	OR5H2
NCBI Official Synonym Symbols	OR3-10
UniProt Protein Name	Olfactory receptor 5H2
UniProt Synonym Protein Names	Olfactory receptor OR3-10
Protein Family	Olfactory receptor
UniProt Gene Name	OR5H2
UniProt Entry Name	OR5H2_HUMAN
NCBI Protein Information	olfactory receptor 5H2; olfactory receptor OR3-10
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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