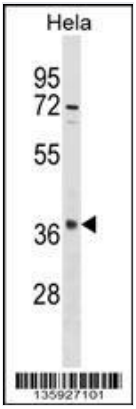
OR10S1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR10S1, Polyclonal Antibody
Full Product Name	OR10S1, CT (OR10S1, Olfactory receptor 10S1, Olfactory receptor OR11-279) (APC)
Product Gene Name	anti-OR10S1 antibody
Product Synonym Names	OR10S1; Olfactory receptor 10S1; Olfactory receptor OR11-279
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 Allophycocyanin (APC).
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: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,501 Da
3D Structure	ModBase 3D Structure for Q8NGN2
Immunogen	OR10S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-254 amino acids from the C-terminal region of human OR10S1.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-OR10S1 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR10S1 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR10S1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR10S1 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-OR10S1 antibody	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004). Fuchs, T., et al. Genomics 80(3):295-302(2002).
Other Notes	Small volumes of anti-OR10S1 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 OR10S1 purchase	MBS6328009 is an antibody targeting OR10S1. Also known as OR10S1, CT (OR10S1, Olfactory receptor 10S1, Olfactory receptor OR11-279) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR10S1 antibody
OR10S1 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the OR10S1 antibody detected the OR10S1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR10S1. It may not necessarily be applicable to this product.

NCBI GI #	52317182
NCBI GeneID	219873
NCBI Accession #	NP_001004474.1
UniProt Primary Accession #	Q8NGN2
UniProt Secondary Accession #	Q6IEV3; Q96R78; B9EH43
UniProt Related Accession #	Q8NGN2
GenBank Nucleotide #	NM_001004474.1
NCBI Official Full Name	olfactory receptor 10S1
NCBI Official Synonym Full Names	olfactory receptor family 10 subfamily S member 1
NCBI Official Symbol	OR10S1
NCBI Official Synonym Symbols	OR11-279
UniProt Protein Name	Olfactory receptor 10S1
UniProt Synonym Protein Names	Olfactory receptor OR11-279
Protein Family	Olfactory receptor
UniProt Gene Name	OR10S1
NCBI Protein Information	olfactory receptor 10S1
UniProt Comments for OR10S1	Odorant receptor.
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