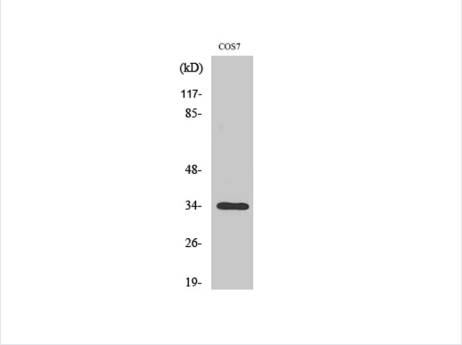
Olfactory Receptor 7a10 (OR7A10) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Olfactory receptor 7A10 (OR7A10), Polyclonal Antibody
Full Product Name	Olfactory receptor 7A10 Polyclonal Antibody
Product Gene Name	anti-OR7A10 antibody
Product Synonym Names	OR7A10; Olfactory receptor 7A10; OST027; Olfactory receptor OR19-18
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Monkey
Purity/Purification	Antigen Affinity Purified
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated MW: 34 Observed MW: 34
Immunogen	Synthesized peptide derived from the C-terminal region of human Olfactory receptor 7A10.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR7A10 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-OR7A10 antibody	WB: 1:500-1:2000, ELISA: 1:5000-1:20000
Related Product Information for anti-OR7A10 antibody	MBS2535961 is an antibody targeting OR7A10. Also known as Olfactory receptor 7A10 Polyclonal Antibody. Reactive in Human, Monkey. Host: Rabbit.
Other Notes	Small volumes of anti-OR7A10 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.



Western Blot (WB) of anti-OR7A10 antibody
Western Blot analysis of COS7 cells with Olfactory receptor 7A10 Polyclonal Antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR7A10. It may not necessarily be applicable to this product.

NCBI GI #	52353344
NCBI GeneID	390892
NCBI Accession #	NP_001005190.1
UniProt Secondary Accession #	Q6IFP0; Q96R97
UniProt Related Accession #	O76100
GenBank Nucleotide #	NM_001005190.1
NCBI Official Full Name	olfactory receptor 7A10
NCBI Official Synonym Full Names	olfactory receptor family 7 subfamily A member 10
NCBI Official Symbol	OR7A10
NCBI Official Synonym Symbols	OR19-18; BC85395_3
UniProt Protein Name	Olfactory receptor 7A10
UniProt Synonym Protein Names	OST027; Olfactory receptor OR19-18
Protein Family	Olfactory receptor
UniProt Gene Name	OR7A10
UniProt Entry Name	OR7AA_HUMAN
NCBI Protein Information	olfactory receptor 7A10
NCBI Summary for OR7A10	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]
UniProt Comments for OR7A10	OR7A10: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family. Protein type: Receptor, GPCR; Membrane protein, integral; Membrane protein, multi-pass; GPCR, family 1 Chromosomal Location of Human Ortholog: 19p13.12 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; olfactory receptor activity Biological Process: detection of chemical stimulus involved in sensory perception of smell; G-protein coupled receptor protein signaling pathway
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