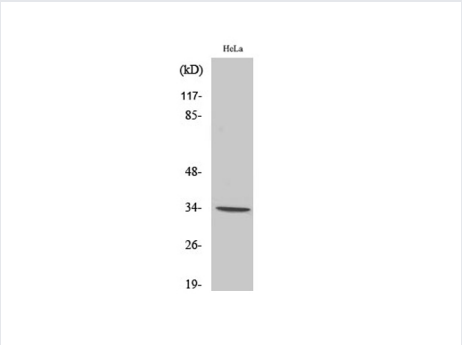
Olfactory Receptor 7c1 (OR7C1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Olfactory receptor 7C1 (OR7C1), Polyclonal Antibody
Full Product Name	Olfactory receptor 7C1 Polyclonal Antibody
Product Gene Name	anti-OR7C1 antibody
Product Synonym Names	OR7C1; OR7C4; Olfactory receptor 7C1; Olfactory receptor 7C4; Olfactory receptor OR19-16; Olfactory receptor TPCR86
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
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: 36 Observed MW: 34
Immunogen	Synthesized peptide derived from the Internal region of human Olfactory receptor 7C1.
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-OR7C1 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-OR7C1 antibody	WB: 1:500-1:2000, IF: 1:50-1:100, ELISA: 1:5000-1:20000
Related Product Information for anti-OR7C1 antibody	MBS2536955 is an antibody targeting OR7C1. Also known as Olfactory receptor 7C1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR7C1 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-OR7C1 antibody
Western Blot analysis of Hela cells using Olfactory receptor 7C1 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR7C1. It may not necessarily be applicable to this product.

NCBI GI #	39812355
NCBI GeneID	26664
NCBI Accession #	NP_945182.1
UniProt Secondary Accession #	Q15621; Q6IFP2; Q96R94
UniProt Related Accession #	O76099
GenBank Nucleotide #	NM_198944.1
NCBI Official Full Name	olfactory receptor 7C1
NCBI Official Synonym Full Names	olfactory receptor family 7 subfamily C member 1
NCBI Official Symbol	OR7C1
NCBI Official Synonym Symbols	OR7C4; OR19-5; TPCR86; HSTPCR86P; CIT-HSP-146E8
UniProt Protein Name	Olfactory receptor 7C1
UniProt Synonym Protein Names	Olfactory receptor 7C4; Olfactory receptor OR19-16; Olfactory receptor TPCR86
Protein Family	Olfactory receptor
UniProt Gene Name	OR7C1
UniProt Synonym Gene Names	OR7C4
UniProt Entry Name	OR7C1_HUMAN
NCBI Protein Information	olfactory receptor 7C1
NCBI Summary for OR7C1	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 OR7C1	Olr1192: 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: 19p13.1 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; spermatogenesis
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