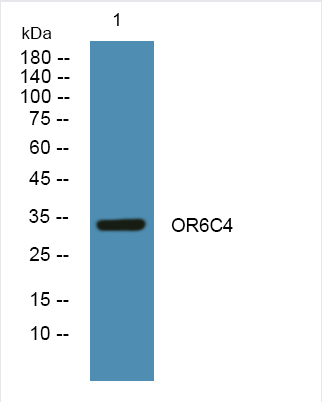
OR6C4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR6C4, Polyclonal Antibody
Full Product Name	OR6C4 Rabbit Polyclonal Antibody
Product Gene Name	anti-OR6C4 antibody
Product Synonym Names	BH6842; Olfactory receptor 6C4 (Olfactory receptor OR12-10)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	OR6C4 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	35,010 Da
3D Structure	ModBase 3D Structure for Q8NGE1
Immunogen	Synthesized peptide derived from human protein. at AA range: 220-300
Modification	Unmodified/Total
Applications Tested/Suitable for anti-OR6C4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-OR6C4 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-OR6C4 antibody	olfactory receptor family 6 subfamily C member 4 (OR6C4) Homo sapiens 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]
Other Notes	Small volumes of anti-OR6C4 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 OR6C4 purchase	MBS9516039 is an antibody targeting OR6C4. Also known as OR6C4 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.



Western Blot (WB) of anti-OR6C4 antibody
Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR6C4. It may not necessarily be applicable to this product.

NCBI GI #	53828708
NCBI GeneID	341418
NCBI Accession #	NP_001005494.1
UniProt Primary Accession #	Q8NGE1
UniProt Secondary Accession #	Q6IFK1; A8MZG7; B2RNN2
UniProt Related Accession #	Q8NGE1
GenBank Nucleotide #	NM_001005494.1
NCBI Official Full Name	olfactory receptor 6C4
NCBI Official Synonym Full Names	olfactory receptor, family 6, subfamily C, member 4
NCBI Official Symbol	OR6C4
NCBI Official Synonym Symbols	OR12-10
UniProt Protein Name	Olfactory receptor 6C4
UniProt Synonym Protein Names	Olfactory receptor OR12-10
Protein Family	Olfactory receptor
UniProt Gene Name	OR6C4
UniProt Entry Name	OR6C4_HUMAN
NCBI Protein Information	olfactory receptor 6C4; olfactory receptor OR12-10
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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