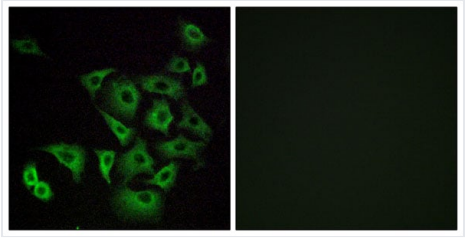
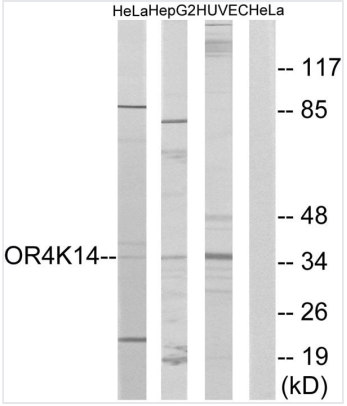
OR4K14 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR4K14, Polyclonal Antibody
Full Product Name	OR4K14 Antibody
Product Gene Name	anti-OR4K14 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	OR4K14 Antibody detects endogenous levels of total OR4K14 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	35 kDa
3D Structure	ModBase 3D Structure for Q8NGD5
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human OR4K14.
Immunogen Range	261-310
Applications Tested/Suitable for anti-OR4K14 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-OR4K14 antibody	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:40000
Related Product Information for anti-OR4K14 antibody	MBS9508233 is an antibody targeting OR4K14. Also known as OR4K14 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR4K14 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.



Immunofluorescence (IF) of anti-OR4K14 antibody
Immunofluorescence analysis of A549 cells, using OR4K14 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-OR4K14 antibody
Western blot analysis of lysates from HeLa, HepG2, and HUVEC cells, using OR4K14 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR4K14. It may not necessarily be applicable to this product.

NCBI GI #	52317249
NCBI GeneID	122740
NCBI Accession #	NP_001004712.1
UniProt Primary Accession #	Q8NGD5
UniProt Secondary Accession #	Q6IEU1; Q96R71
UniProt Related Accession #	Q8NGD5
GenBank Nucleotide #	NM_001004712.1
NCBI Official Full Name	olfactory receptor 4K14
NCBI Official Synonym Full Names	olfactory receptor family 4 subfamily K member 14
NCBI Official Symbol	OR4K14
NCBI Official Synonym Symbols	OR14-18; OR14-22
UniProt Protein Name	Olfactory receptor 4K14
UniProt Synonym Protein Names	Olfactory receptor OR14-22
Protein Family	Olfactory receptor
UniProt Gene Name	OR4K14
NCBI Protein Information	olfactory receptor 4K14
NCBI Summary for OR4K14	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 OR4K14	Odorant receptor.

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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/or4k14/9508233