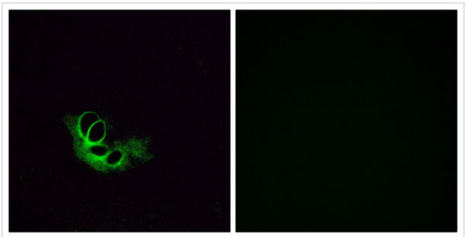
OR56A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR56A1, Polyclonal Antibody
Full Product Name	OR56A1 Antibody
Product Gene Name	anti-OR56A1 antibody
Product Synonym Gene Name	O56A1
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	OR56A1 Antibody detects endogenous levels of total OR56A1 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	35 kDa
3D Structure	ModBase 3D Structure for Q8NGH5
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human OR56A1.
Immunogen Range	241-290
Applications Tested/Suitable for anti-OR56A1 antibody	Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-OR56A1 antibody	IF: 1:100~1:500 ELISA: 1:5000
Related Product Information for anti-OR56A1 antibody	MBS9508152 is an antibody targeting OR56A1. Also known as OR56A1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR56A1 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-OR56A1 antibody
Immunofluorescence analysis of HeLa cells, using OR56A1 Antibody. The picture on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR56A1. It may not necessarily be applicable to this product.

NCBI GI #	284172508
NCBI GeneID	120796
NCBI Accession #	NP_001001917.2
UniProt Primary Accession #	Q8NGH5
UniProt Secondary Accession #	Q6IFL0; B2RNI2
UniProt Related Accession #	Q8NGH5
GenBank Nucleotide #	NM_001001917.2
NCBI Official Full Name	olfactory receptor 56A1
NCBI Official Synonym Full Names	olfactory receptor family 56 subfamily A member 1
NCBI Official Symbol	OR56A1
NCBI Official Synonym Symbols	OR11-75
UniProt Protein Name	Olfactory receptor 56A1
UniProt Synonym Protein Names	Olfactory receptor OR11-75
Protein Family	Olfactory receptor
UniProt Gene Name	OR56A1
NCBI Protein Information	olfactory receptor 56A1
NCBI Summary for OR56A1	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 OR56A1	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.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/or56a1/9508152