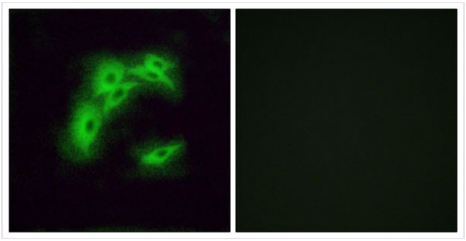
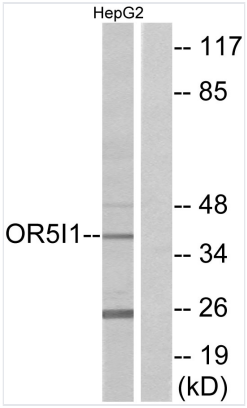
OR5I1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR5I1, Polyclonal Antibody
Full Product Name	OR5I1 Antibody
Product Gene Name	anti-OR5I1 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	OR5I1 Antibody detects endogenous levels of total OR5I1 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	36 kDa
OMIM	U56420 Genomic DNA
3D Structure	ModBase 3D Structure for Q13606
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5I1.
Immunogen Range	206-255
Applications Tested/Suitable for anti-OR5I1 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-OR5I1 antibody	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Related Product Information for anti-OR5I1 antibody	MBS9508252 is an antibody targeting OR5I1. Also known as OR5I1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR5I1 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-OR5I1 antibody
Immunofluorescence analysis of A549 cells, using OR5I1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-OR5I1 antibody
Western blot analysis of lysates from HepG2 cells, using OR5I1 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5I1. It may not necessarily be applicable to this product.

NCBI GI #	5729960
NCBI GeneID	10798
NCBI Accession #	NP_006628.1
UniProt Primary Accession #	Q13606
UniProt Secondary Accession #	Q6IEU4
UniProt Related Accession #	Q13606
GenBank Nucleotide #	NM_006637.1
NCBI Official Full Name	olfactory receptor 5I1
NCBI Official Synonym Full Names	olfactory receptor family 5 subfamily I member 1
NCBI Official Symbol	OR5I1
NCBI Official Synonym Symbols	OLF1; HSOlf1
UniProt Protein Name	Olfactory receptor 5I1
UniProt Synonym Protein Names	Olfactory receptor OR11-159; Olfactory receptor-like protein OLF1
Protein Family	Olfactory receptor
UniProt Gene Name	OR5I1
UniProt Synonym Gene Names	OLF1
NCBI Protein Information	olfactory receptor 5I1
NCBI Summary for OR5I1	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 OR5I1	Odorant receptor.

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