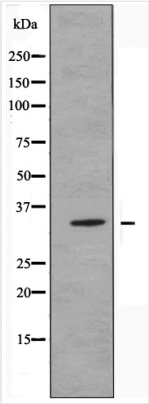
OR52D1 Antibody

PRODUCT OVERVIEW

Product Name	OR52D1, Antibody
Full Product Name	OR52D1 Antibody
Product Gene Name	anti-OR52D1 antibody
Product Synonym Names	Olfactory receptor 52D1; Olfactory receptor OR11-43; Odorant receptor HOR5'beta14; OR52D1
Species Reactivity	Human
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	OR52D1 Antibody detects endogenous levels of total OR52D1
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	35 KD
3D Structure	ModBase 3D Structure for Q9H346
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR52D1 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)
Application Notes for anti-OR52D1 antibody	WB: 1:500~1:1000 IF/ICC: 1:100-1:500
Related Product Information for anti-OR52D1 antibody	MBS8515729 is an antibody targeting OR52D1. Also known as OR52D1 Antibody. Reactive in Human.
Other Notes	Small volumes of anti-OR52D1 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-OR52D1 antibody
Western blot analysis of extracts from COLO cells and COS cells, using OR52D1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR52D1. It may not necessarily be applicable to this product.

NCBI GI #	52353332
NCBI GeneID	390066
NCBI Accession #	NP_001005163.1
UniProt Primary Accession #	Q9H346
UniProt Secondary Accession #	Q6IFI6; B9EGY9
UniProt Related Accession #	Q9H346
GenBank Nucleotide #	NM_001005163.2
NCBI Official Full Name	olfactory receptor 52D1
NCBI Official Synonym Full Names	olfactory receptor family 52 subfamily D member 1
NCBI Official Symbol	OR52D1
NCBI Official Synonym Symbols	OR11-43
UniProt Protein Name	Olfactory receptor 52D1
UniProt Synonym Protein Names	Odorant receptor HOR5'beta14; Olfactory receptor OR11-43
Protein Family	Olfactory receptor
UniProt Gene Name	OR52D1
NCBI Protein Information	olfactory receptor 52D1
NCBI Summary for OR52D1	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 OR52D1	Odorant receptor.
Research Articles on OR52D1	**1.** Observational study of gene-disease association. (HuGE Navigator)
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