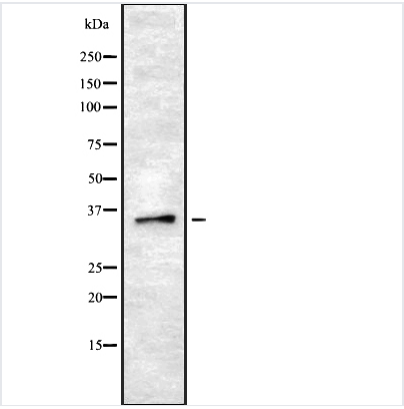
OR8B2 Antibody – Rabbit Polyclonal

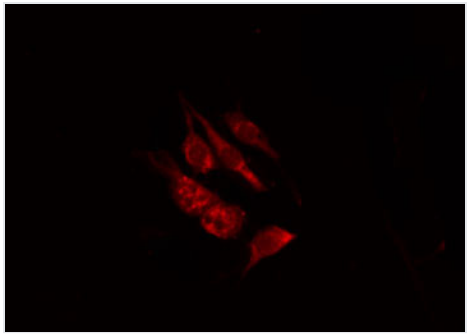
PRODUCT OVERVIEW

Product Name	OR8B2/B3, Polyclonal Antibody
Full Product Name	OR8B2/B3 Antibody
Product Gene Name	anti-OR8B2 antibody
Product Synonym Names	Olfactory receptor 8B2; Olfactory receptor 8B3; Olfactory receptor OR11 309; Olfactory receptor OR11 310; Olfactory receptor OR11 311; Olfactory receptor, family 8, subfamily B, member 2; Olfactory receptor, family 8, subfamily B, member 3; OR11 309; OR11 310; OR11 311; Olfactory receptor 8B3; Olfactory receptor OR11-311; Olfactory receptor, family 8, subfamily B, member 3; OR8B3; OR8B3_HUMAN
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	OR8B2/B3 antibody detects endogenous levels of total OR8B2/B3
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	OR8B2/B3 peptide (MBS9627733) is used for blocking the activity of OR8B2/B3 antibody (MBS9609021)
Molecular Weight	Observed: 35 kDa Predicted: 36 kDa
3D Structure	ModBase 3D Structure for Q96RD0
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human OR8B2/B3
Subcellular Location	Plasma Membrane
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR8B2 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA (EIA)
Application Notes for anti-OR8B2 antibody	WB: 1:1000-3000 IF/ICC: 1:100-1:500
Related Product Information for anti-OR8B2 antibody	Function: Odorant receptor. Similarity: Belongs to the G-protein coupled receptor 1 family.
Other Notes	Small volumes of anti-OR8B2 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 OR8B2 purchase	MBS9609021 is an antibody targeting OR8B2. Also known as OR8B2/B3 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR8B2 antibody
Western blot analysis OR8B2/B3 using LOVO whole cell lysates



Immunofluorescene (IF) of anti-OR8B2 antibody
MBS9609021 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR8B2. It may not necessarily be applicable to this product.

NCBI GI #	53793675
NCBI GeneID	26595
NCBI Accession #	NP_001005468.1
UniProt Primary Accession #	Q96RD0
UniProt Secondary Accession #	Q8NGH2
UniProt Related Accession #	Q96RD0
GenBank Nucleotide #	NM_001005468.1
NCBI Official Full Name	olfactory receptor 8B2
NCBI Official Synonym Full Names	olfactory receptor family 8 subfamily B member 2
NCBI Official Symbol	OR8B2
NCBI Official Synonym Symbols	OR11-309; OR11-310
UniProt Protein Name	Olfactory receptor 8B2
UniProt Synonym Protein Names	Olfactory receptor OR11-309
Protein Family	Olfactory receptor
UniProt Gene Name	OR8B2
NCBI Protein Information	olfactory receptor 8B2
NCBI Summary for OR8B2	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 OR8B2	Odorant receptor.

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