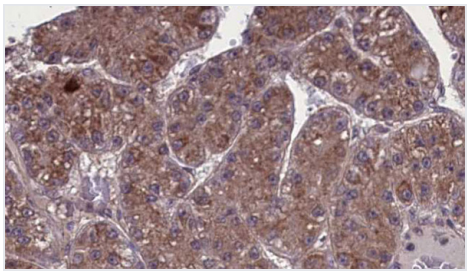
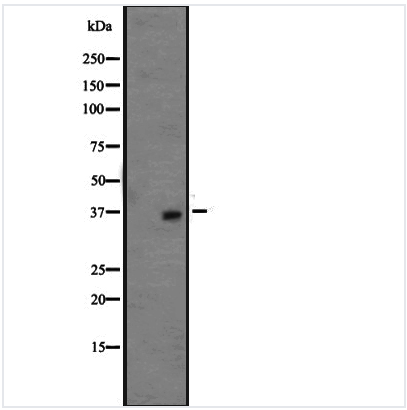
OR1L3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR1L3, Polyclonal Antibody
Full Product Name	OR1L3 Antibody
Product Gene Name	anti-OR1L3 antibody
Product Synonym Names	Olfactory receptor 1L3; Olfactory receptor 9-D; Olfactory receptor family 1 subfamily L member 3; Olfactory receptor OR9-28; OR1L3; OR1L3_HUMAN; OR9 28; OR9-D
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	OR1L3 antibody detects endogenous levels of total OR1L3
Antibody/Peptide Pairs	OR1L3 peptide (MBS9623074) is used for blocking the activity of OR1L3 antibody (MBS9604357)
Molecular Weight	Observed: 37 kDa Predicted: 37 kDa
3D Structure	ModBase 3D Structure for Q8NH93
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
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OR1L3 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-OR1L3 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-OR1L3 antibody	Description: Odorant receptor. Similarity: Belongs to the G-protein coupled receptor 1 family.
Other Notes	Small volumes of anti-OR1L3 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 OR1L3 purchase	MBS9604357 is an antibody targeting OR1L3. Also known as OR1L3 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-OR1L3 antibody
MBS9604357 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blot (WB) of anti-OR1L3 antibody
Western blot analysis of OR1L3 expression in HepG2 cell lysate ;, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR1L3. It may not necessarily be applicable to this product.

NCBI GI #	52546685
NCBI GeneID	26735
NCBI Accession #	NP_001005234.1
UniProt Primary Accession #	Q8NH93
UniProt Secondary Accession #	Q6IFN1; B2RNF4
UniProt Related Accession #	Q8NH93
GenBank Nucleotide #	NM_001005234.1
NCBI Official Full Name	olfactory receptor 1L3
NCBI Official Synonym Full Names	olfactory receptor family 1 subfamily L member 3
NCBI Official Symbol	OR1L3
NCBI Official Synonym Symbols	OR9-D; OR9-28
UniProt Protein Name	Olfactory receptor 1L3
UniProt Synonym Protein Names	Olfactory receptor 9-D; OR9-D; Olfactory receptor OR9-28
Protein Family	Olfactory receptor
UniProt Gene Name	OR1L3
UniProt Synonym Gene Names	OR9-D
NCBI Protein Information	olfactory receptor 1L3
NCBI Summary for OR1L3	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 OR1L3	Odorant receptor.

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