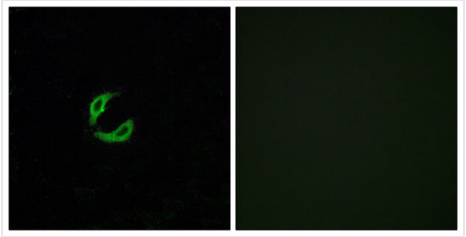
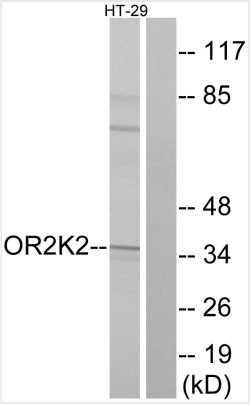
OR2K2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR2K2, Polyclonal Antibody
Full Product Name	OR2K2 Antibody
Product Gene Name	anti-OR2K2 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	OR2K2 Antibody detects endogenous levels of total OR2K2 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	35 kDa
3D Structure	ModBase 3D Structure for Q8NGT1
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human OR2K2.
Immunogen Range	241-290
Applications Tested/Suitable for anti-OR2K2 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-OR2K2 antibody	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Related Product Information for anti-OR2K2 antibody	MBS9508205 is an antibody targeting OR2K2. Also known as OR2K2 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OR2K2 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-OR2K2 antibody
Immunofluorescence analysis of A549 cells, using OR2K2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-OR2K2 antibody
Western blot analysis of lysates from HT-29 cells, using OR2K2 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR2K2. It may not necessarily be applicable to this product.

NCBI GI #	45504346
NCBI GeneID	26248
NCBI Accession #	NP_995581.1
UniProt Primary Accession #	Q8NGT1
UniProt Secondary Accession #	Q2TA61; Q5VYK4; Q6IFI5
UniProt Related Accession #	Q8NGT1
GenBank Nucleotide #	NM_205859.1
NCBI Official Full Name	olfactory receptor 2K2
NCBI Official Synonym Full Names	olfactory receptor family 2 subfamily K member 2
NCBI Official Symbol	OR2K2
NCBI Official Synonym Symbols	OR2AN1P; OR2AR1P; HTPCRH06; HSHTPCRH06
UniProt Protein Name	Olfactory receptor 2K2
UniProt Synonym Protein Names	HTPCRH06; Olfactory receptor OR9-17
Protein Family	Olfactory receptor
UniProt Gene Name	OR2K2
UniProt Synonym Gene Names	OR2AR1P
NCBI Protein Information	olfactory receptor 2K2
NCBI Summary for OR2K2	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 OR2K2	Odorant receptor.

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