

## **Olfactory receptor 8U1/8/9 rabbit pAb**

## Cat No.:ES5206

For research use only

## Overview

Product Name	Olfactory receptor 8U1/8/9 rabbit pAb	
Host species	Rabbit	
Applications	IF;ELISA	
Species Cross-Reactivity	Human;Rat;Mouse;	
<b>Recommended dilutions</b>	Immunofluorescence: 1/200 - 1/1000. ELISA:	
	1/10000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human OR8U1/8/9. AA	
	range:158-207	
Specificity	Olfactory receptor 8U1/8/9 Polyclonal Antibody	
	detects endogenous levels of Olfactory receptor	
	8U1/8/9 protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Olfactory receptor 8U1/8/9	
Gene Name	OR8U1/OR8U8/OR8U9	
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	219417/504189/504190	
Human Swiss-Prot Number	Q8NH10/P0C7N1/P0C7N5	
Alternative Names	OR8U1; Olfactory receptor 8U1; OR8U8; Olfactory	
	receptor 8U8; OR8U9; Olfactory receptor 8U9	
Background	olfactory receptor family 8 subfamily U member	
	1(OR8U1) Homo sapiens Olfactory receptors	
	interact with odorant molecules in the nose, to	
	initiate a neuronal response that triggers the	
	perception of a smell. The olfactory receptor	



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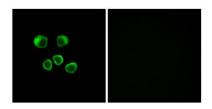
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proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for 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],

Immunofluorescence analysis of MCF7 cells, using OR8U1/8/9 Antibody. The picture on the right is blocked with the synthesized peptide.





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