



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;
Recommended dilutions	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
Cellular localization	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





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.

