

Olfactory receptor 5L1/2 rabbit pAb

Cat No.: ES5208

For research use only

Overview

Product Name Olfactory receptor 5L1/2 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunofluorescence: 1/200 - 1/1000. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human OR5L1/2. AA

range:55-104

Specificity Olfactory receptor 5L1/2 Polyclonal Antibody

detects endogenous levels of Olfactory receptor

5L1/2 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Olfactory receptor 5L1/2

Gene Name OR5L1/OR5L2

Cellular localizationCell membrane; Multi-pass membrane protein.PurificationThe 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 219437/26338 Human Swiss-Prot Number Q8NGL2/Q8NGL0

Alternative Names OR5L1; Olfactory receptor 5L1; OST262; Olfactory

receptor OR11-151; OR5L2; Olfactory receptor 5L2;

HTPCRX16; Olfactory receptor OR11-153

Background Olfactory receptors interact with odorant molecules

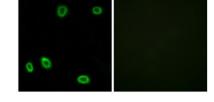
in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of





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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a

Immunofluorescence analysis of HUVEC cells, using OR5L1/2 Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

