

Olfactory receptor 10J5 rabbit pAb

Cat No.: ES4727

For research use only

Overview

Product Name Olfactory receptor 10J5 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

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

1/40000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human OR10J5. AA

range:220-269

Specificity Olfactory receptor 10J5 Polyclonal Antibody detects

endogenous levels of Olfactory receptor 10J5

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 10J5

Gene Name OR10J5

Cellular localization

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 127385 Human Swiss-Prot Number Q6IFH2

Alternative Names

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



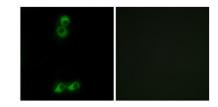
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a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

Immunofluorescence analysis of MCF7 cells, using OR10J5 Antibody. The picture on the right is blocked with the synthesized peptide.



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