

Olfactory receptor 4K17 rabbit pAb

Cat No.: ES6070

For research use only

Overview

Product Name Olfactory receptor 4K17 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

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

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human OR4K17. AA

range:263-312

Specificity Olfactory receptor 4K17 Polyclonal Antibody detects

endogenous levels of Olfactory receptor 4K17

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 4K17

Gene Name OR4K17

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 390436 Human Swiss-Prot Number Q8NGC6

Alternative Names OR4K17; Olfactory receptor 4K17; Olfactory

receptor OR14-29

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

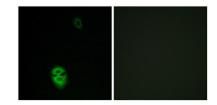


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single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor 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 A549 cells, using OR4K17 Antibody. The picture on the right is blocked with the synthesized peptide.



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