

Olfactory receptor 51S1 rabbit pAb

Cat No.: ES4677

For research use only

Overview

Product Name Olfactory receptor 51S1 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 OR51S1. AA

range:211-260

Specificity Olfactory receptor 51S1 Polyclonal Antibody detects

endogenous levels of Olfactory receptor 51S1

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 51S1

Gene Name OR51S1

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 119692 Human Swiss-Prot Number Q8NGJ8

Alternative Names OR51S1; Olfactory receptor 51S1; Olfactory receptor

OR11-24

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

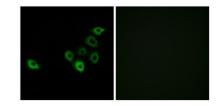


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single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor 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 OR51S1 Antibody. The picture on the right is blocked with the synthesized peptide.



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