

## Olfactory receptor 4E2 rabbit pAb

Cat No.:ES5508

For research use only

## Overview

Product Name Olfactory receptor 4E2 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 OR4E2. AA

range:228-277

**Specificity** Olfactory receptor 4E2 Polyclonal Antibody detects

endogenous levels of Olfactory receptor 4E2

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 4E2

Gene Name OR4E2

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** 26686 **Human Swiss-Prot Number** Q8NGC2

Alternative Names OR4E2; Olfactory receptor 4E2; Olfactory receptor

OR14-42

Background olfactory receptor family 4 subfamily E member

2(OR4E2) 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

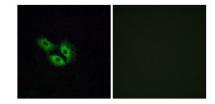


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proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for 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 A549 cells, using OR4E2 Antibody. The picture on the right is blocked with the synthesized peptide.



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