

Olfactory receptor 4F4/4F5/4F17 rabbit pAb

Cat No.: ES7630

For research use only

Overview

Product Name Olfactory receptor 4F4/4F5/4F17 rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not

yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human OR4F4/4F5/4F17. AA

range:51-100

Specificity Olfactory receptor 4F4/4F5/4F17 Polyclonal

Antibody detects endogenous levels of Olfactory

receptor 4F4/4F5/4F17 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 4F4/4F5/4F17

Gene Name OR4F17

Cellular localizationCell membrane; Multi-pass membrane protein.PurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band34kD

Human Gene ID 81099/26682/79501

Human Swiss-Prot Number Q8NGA8/Q96R69/Q8NH21

Alternative Names OR4F17; OR4F11P; OR4F18; OR4F19; Olfactory

receptor 4F17; Olfactory receptor 4F11; Olfactory receptor 4F18; Olfactory receptor 4F19; OR4F4; Olfactory receptor 4F4; HS14a-1-A; Olfactory receptor OR19-3; OR4F5; Olfactory receptor 4F5

Background Olfactory receptors interact with odorant molecules

in the nose, to initiate a neuronal response that

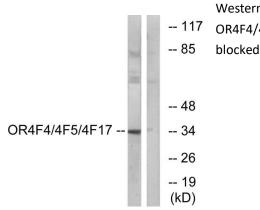


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triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter 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. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from MCF-7 cells, using OR4F4/4F5/4F17 Antibody. The lane on the right is blocked with the synthesized peptide.

