



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

## Cat#: orb770505 (Manual)

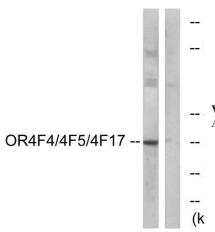
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Product Name	Olfactory receptor 4F4/4F5/4F17 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	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
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Olfactory receptor 4F4/4F5/4F17
Gene Name	OR4F17
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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Concentration	1 mg/ml
Observed band	34kD
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 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.