Product Name: Olfactory receptor 4F4/4F5/4F17 Rabbit Polyclonal Antibody
Catalog #: APRab15227

Summary

Production Name	Olfactory receptor 4F4/4F5/4F17 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	OR4F17
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
Gene ID	81099/26682/79501
SwissProt ID	Q8NGA8/Q96R69/Q8NH21.The antiserum was produced against synthesized peptide derived from human OR4F4/4F5/4F17. AA range:51-100

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	34kD

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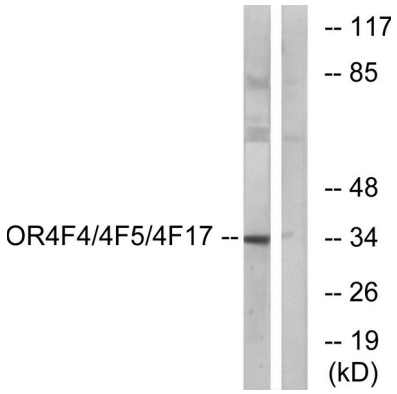
Background

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],function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,

Research Area

Olfactory transduction;

Image Data



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.

Note

For research use only.