

**Product Name: Olfactory receptor 7E5P Rabbit Polyclonal Antibody**  
**Catalog #: APRab15320**

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## Summary

<b>Production Name</b>	Olfactory receptor 7E5P Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IF, WB,
<b>Reactivity</b>	Human, Rat, Mouse

## Performance

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

## Immunogen

<b>Gene Name</b>	OR7E5P
<b>Alternative Names</b>	
<b>Gene ID</b>	219445.0
<b>SwissProt ID</b>	Q96N54. The antiserum was produced against synthesized peptide derived from human OR7E5P. AA range:35-84

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
<b>Molecular Weight</b>	26kD

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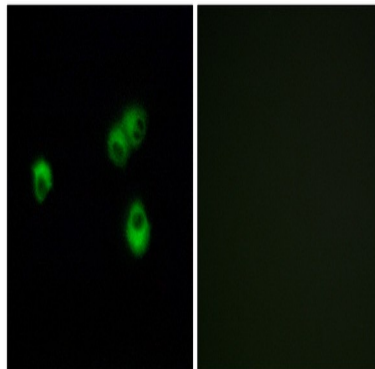
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## Background

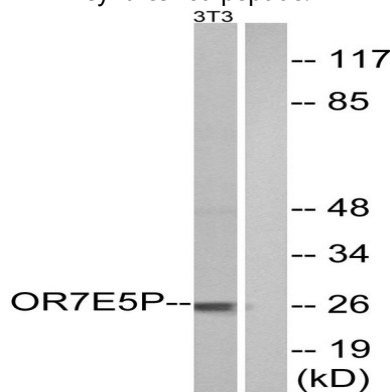
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share 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. This family member is believed to be a pseudogene.

## Research Area

## Image Data



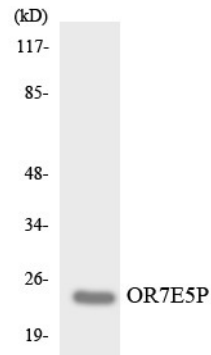
Immunofluorescence analysis of MCF-7 cells, using OR7E5P Antibody. The picture on the right is blocked with the synthesized peptide.



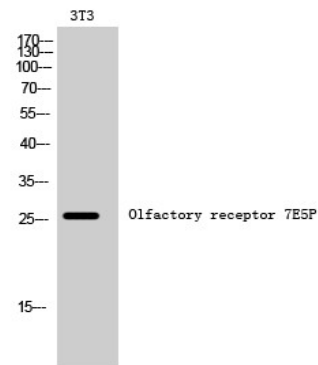
Western blot analysis of lysates from NIH/3T3 cells, using OR7E5P Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from COLO205 cells using OR7E5P antibody.



Western Blot analysis of 3T3 cells using Olfactory receptor 7E5P Polyclonal Antibody

## Note

For research use only.