

## Olfactory receptor 2T11 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06424
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human OR2T11. AA range:51-100
<b>Mol wt</b>	34797
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Olfactory receptor 2T11 Antibody
<b>Synonyms</b>	OR2T11; Olfactory receptor 2T11; Olfactory receptor OR1-65

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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 olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a protein that is predicted to be non-functional.

### Recommended Dilution

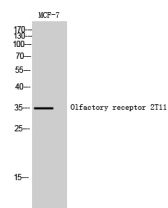
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

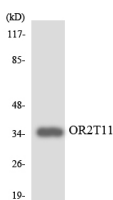
ELISA: 1: 5000

Not yet tested in other applications.

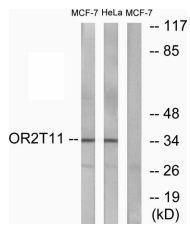
### Images



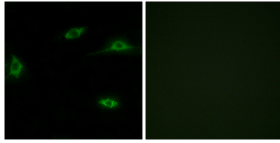
Western blot analysis of MCF-7 cells using Olfactory receptor 2T11 Polyclonal Antibody



Western blot analysis of the lysates from RAW264.7 cells using OR2T11 antibody.



Western blot analysis of lysates from MCF-7 and HeLa cells, using OR2T11 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of LOVO cells, using OR2T11 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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