

# Olfactory receptor 2A4/7 Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP06394

**Host** Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human OR2A4/2A7. AA range:231-

280

Mol wt 34742

Species reactivity Human

**Clonality** Polyclonal

Recommended application WB, IF, ELISA

Concentration 1 mg/ml

Full name Olfactory receptor 2A4/7 Antibody

Synonyms OR2A7; Olfactory receptor 2A7; Olfactory receptor OR7-18; OR2A4; OR2A10; Olfactory receptor 2A4;

Olfactory receptor 2A10; Olfactory receptor OR6-37

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

### Background

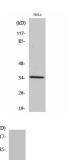
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share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

#### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

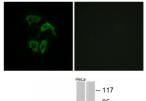
# Images

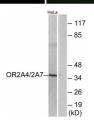


OR2A4/7

Western Blot analysis of various cells using Olfactory receptor 2A4/7 Polyclonal Antibody

Western blot analysis of the lysates from HeLa cells using OR2A4/7 antibody.





 $Immun of luorescence\ analysis\ of\ HepG2\ cells,\ using\ OR2A4/2A7\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$ 

Western blot analysis of lysates from HeLa cells, using OR2A4/2A7 Antibody. The lane on the right is blocked with the synthesized peptide.

# Storage

-20°C for one year

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