

# Olfactory receptor 10G4 Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP06355

Host Rabbit

Isotype IgG

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

Immunogen The antiserum was produced against synthesized peptide derived from human OR10G4. AA range:230-279

Mol wt 34569

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IF, ELISA

Concentration 1 mg/ml

Full name Olfactory receptor 10G4 Antibody

Synonyms OR10G4; Olfactory receptor 10G4; Olfactory receptor OR11-278

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

#### Background

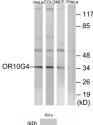
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share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

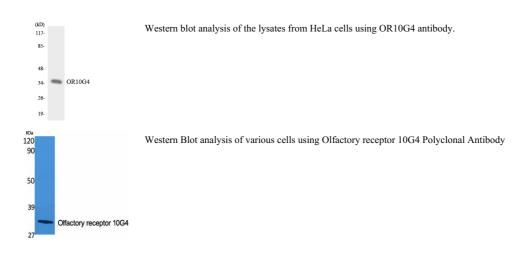
**Images** 



Western blot analysis of lysates from HeLa, COLO, and MCF-7 cells, using OR10G4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of MCF7 cells using Olfactory receptor 10G4 Polyclonal Antibody



## Storage

-20°C for one year

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