

**Anti-Human Olfactory receptor 2AP1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05378**

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3th Edition

**Description:**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. OR2AP1 (Olfactory Receptor Family 2 Subfamily AP Member 1) is a Protein Coding gene. Among its related pathways are Olfactory Signaling Pathway and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity and olfactory receptor activity. An important paralog of this gene is OR6C4.

**Antigen:**Synthesized peptide derived from the C-terminal region of human Olfactory receptor 2AP1

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**