

# **Product datasheet for TA331607**

### **OR5P3 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-OR5P3 Antibody is: synthetic peptide directed towards the C-

terminal region of Human OR5P3. Synthetic peptide located within the following region:

ILITILKMHSTKGRHKAFSTCTSHLTAVTLFYGTITFIYVMPKSSYSTDQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 34 kDa

**Gene Name:** olfactory receptor family 5 subfamily P member 3

Database Link: NP 703146

Entrez Gene 120066 Human

Q8WZ94

**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 codingexon 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.



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#### OR5P3 Rabbit Polyclonal Antibody - TA331607

Synonyms: JCG1

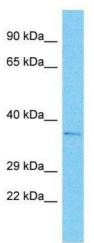
**Note:** Immunogen sequence homology: Human: 100%; Bovine: 100%; Rat: 93%; Horse: 93%; Mouse:

93%; Rabbit: 93%; Dog: 92%; Pig: 92%; Guinea pig: 92%

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Olfactory transduction

## **Product images:**



Host: Rabbit

Target Name: OR5P3

Sample Tissue: MCF7 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit; Target Name: OR5P3; Sample Tissue: MCF7 Whole Cell lysates; Antibody

Dilution: 1.0ug/ml