

# **Product datasheet for TA363625**

### **OR1A1 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human OR1A1

**Expected reactivity**: Human Specificity:

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.

Concentration: lot specific

**Purification:** Affinity purified Conjugation: Unconjugated

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small Storage:

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

**Predicted Protein Size:** 33 kDa

Gene Name: olfactory receptor family 1 subfamily A member 1

Database Link: NP 055380.2

Entrez Gene 8383 Human

Q9P1Q5



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#### **OR1A1 Rabbit Polyclonal Antibody - TA363625**

**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

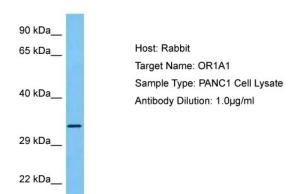
proteins for this organism is independent of other organisms.

Synonyms: OR17-7

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Olfactory transduction

## **Product images:**



Host: Rabbit Target Name: OR1A1

Sample Tissue: Human PANC1 Whole Cell lysates

Antibody Dilution: 1ug/ml