

## Product datasheet for **TA363573**

### **Olfr474 Rabbit Polyclonal Antibody**

#### **Product data:**

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Reactivity:             | Mouse   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the C terminal region of mouse OLFR474  |
| Specificity:            | <b>Expected reactivity:</b> Mouse   |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                       |
| Concentration:          | lot specific  |
| Purification:           | Affinity purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 34 kDa  |
| Gene Name:              | olfactory receptor 474  |
| Database Link:          | <a href="#">NP_666706.1</a><br><a href="#">Entrez Gene 258488 Mouse</a><br><a href="#">Q8VFC9</a>                                       |



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**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:**

MOR204-20

**Product images:**
