

Product datasheet for **TA344311**

Olfactory receptor 10X1 (OR10X1) Rabbit Polyclonal Antibody

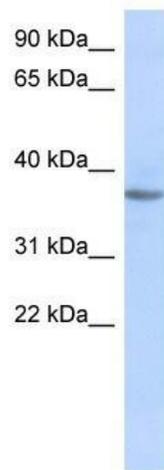
Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-OR10X1 antibody: synthetic peptide directed towards the middle region of human OR10X1. Synthetic peptide located within the following region: NIMTKVHGKRYAYKDFDHGIAQALQPHPPPESSLYKYPDLPYMGSYHAHP |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 36 kDa |
| Gene Name: | olfactory receptor family 10 subfamily X member 1 (gene/pseudogene) |
| Database Link: | NP_001004477 Entrez Gene 128367 Human Q8NGY0 |



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| Background: | OR10X1 is an odorant receptor. 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: | OR1-13; OR1-14; OR10X1P |
| Note: | Immunogen Sequence Homology: Rat: 100%; Human: 100%; Pig: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Dog: 86%; Rabbit: 86%; Guinea pig: 85% |
| Protein Families: | Transmembrane |
| Protein Pathways: | Olfactory transduction |

Product images:

WB Suggested Anti-OR10X1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
Human Muscle