

OriGene Technologies, Inc.

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Product datasheet for TA359045

OR4M2 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 C-terminal region of Human OR4M2 |
| Specificity: | Expected reactivity: Human |
| 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 |
| 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: | 34kDa |
| Gene Name: | olfactory receptor family 4 subfamily M member 2 |
| Database Link: | <u>NP_001004719</u> <u>Entrez Gene 390538 Human</u> <u>Q8NGB6</u> |

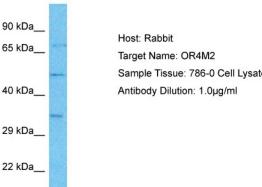


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OR4M2 Rabbit Polyclonal Antibody – TA359045 **Background:** Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large 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.

Synonyms: OR15-3

Product images:



Sample Tissue: 786-0 Cell Lysate

Host: Rabbit Target Name: OR4M2 Sample Type: 786-0 Whole Cell lysates Antibody Dilution: 1.0ug/ml

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