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Datasheet for ABIN5517405

anti-OR2C3 antibody (C-Term)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | OR2C3 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat, Mouse, Rabbit, Dog, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR2C3 antibody is un-conjugated |
| Application: | Please inquire |

Product Details

| | |
|-----------------------|--|
| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human OR2C3 |
| Sequence: | LQPAKSTSHE QGKFIALFYT VVTPALNPLI YTLRNTEVKS ALRHMVLENC |
| Predicted Reactivity: | Dog: 100%, Guinea Pig: 90%, Horse: 90%, Human: 100%, Mouse: 90%, Rabbit: 83%, Rat: 79% |
| Purification: | Affinity purified |

Target Details

| | |
|-------------------|--|
| Target: | OR2C3 |
| Alternative Name: | OR2C3 (OR2C3 Products) |
| 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 |

Target Details

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.

Alias Symbols: OR2C4, OR2C5P, OST742

Protein Size: 320

Gene ID: 81472

NCBI Accession: [NM_198074](#), [NP_932340](#)

UniProt: [Q8N628](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: 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.