Datasheet for ABIN2791747

# anti-OR9G1 antibody (C-Term)

1 Image

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | OR9G1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR9G1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR9G1 |
| Sequence: | ILYIYALPRS SYSFDMDKIV STFYTVVFPM LNLMIYSLRN KDVKEALKKL |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against OR9G1. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | OR9G1 |
| Alternative Name: | OR9G1 (OR9G1 Products) |

## Target Details

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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.<br>Alias Symbols: OR9G5<br>Protein Size: 305 |
| Molecular Weight: | 33 kDa |
| Gene ID: | 390174 |
| NCBI Accession: | NM_001005213, NP_001005213 |
| UniProt: | Q8NH87 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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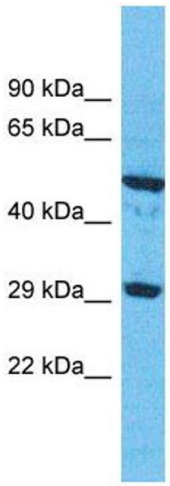
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| 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. |




**Western Blotting**

**Image 1.**