

Datasheet for ABIN2781892
anti-OR2AT4 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | OR2AT4 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Cow, Guinea Pig, Pig, Horse, Mouse, Rabbit, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR2AT4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human OR2AT4 |
| Sequence: | MDATACNESV DGSPVFYLLG IPSLPETFFL PVFFIFLLFY LLILMGNALI |
| Predicted Reactivity: | Cow: 85%, Guinea Pig: 77%, Horse: 77%, Human: 100%, Mouse: 85%, Pig: 85%, Rabbit: 77%, Rat: 92% |
| Characteristics: | This is a rabbit polyclonal antibody against OR2AT4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | OR2AT4 |
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Target Details

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| Alternative Name: | OR2AT4 (OR2AT4 Products) |
| Background: | <p>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.</p> <p>Alias Symbols: OR11-265</p> <p>Protein Size: 320</p> |
| Molecular Weight: | 35 kDa |
| Gene ID: | 341152 |
| NCBI Accession: | NM_001005285 , NP_001005285 |
| UniProt: | A6NND4 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 320 AA |
| Restrictions: | For Research Use only |

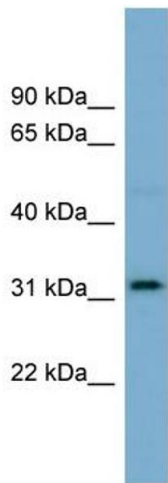
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| 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 repeated freeze-thaw cycles. |

Handling

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| 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. |

Images



Western Blotting

Image 1. WB Suggested Anti-OR2AT4 Antibody Titration:
0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate