

Datasheet for ABIN2791374
anti-OR51B5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | OR51B5 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR51B5 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 OR51B5 |
| Sequence: | PAVLVVFIFV LDYLIIFISY VLILKTVLSI ASREERAKAL ITCVSHICCV |
| Predicted Reactivity: | Cow: 86%, Dog: 92%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 92%, Rabbit: 91%, Rat: 92% |
| Characteristics: | This is a rabbit polyclonal antibody against OR51B5. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

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| Target: | OR51B5 |
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Target Details

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| Alternative Name: | OR51B5 (OR51B5 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: HOR5'Beta5, OR11-37</p> <p>Protein Size: 312</p> |
| Molecular Weight: | 35 kDa |
| Gene ID: | 282763 |
| NCBI Accession: | NM_001005567 , NP_001005567 |
| UniProt: | Q9H339 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 312 AA |
| Restrictions: | For Research Use only |

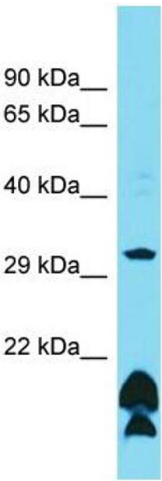
Handling

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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. Host: Rabbit Target Name: OR51B5 Sample Type: HCT15 Whole Cell lysates Antibody Dilution: 1.0ug/ml