Datasheet for ABIN350986

# anti-TAS2R46 antibody

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## Overview

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| Quantity: | 100 µL |
| Target: | TAS2R46 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TAS2R46 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

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| Immunogen: | A synthetic peptide from human TAS2R46 conjugated to blue carrier protein was used as the antigen. |
| Specificity: | Specific for TAS2R46. |
| Cross-Reactivity: | Human, Marmoset, Mouse |
| Cross-Reactivity (Details): | Other species not yet tested. |
| Purification: | Whole serum |

## Target Details

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| Target: | TAS2R46 |
| Alternative Name: | TAS2R46 (TAS2R46 Products) |
| Background: | FUNCTION: Receptor that may play a role in the perception of bitterness and is gustducin- |

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## Target Details

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| | linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5. SUBCELLULAR LOCATION: Membrane, Multi-pass membrane protein. TISSUE SPECIFICITY: Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells. MISCELLANEOUS: Most taste cells may be activated by a limited number of bitter compounds, individual taste cells can discriminate among bitter stimuli.<\|\|a href="http://www.enzim.hu/hmmtop1.1/server/submit.html" ><\|\|/a>,Human Taste R,Taste receptor type 2 member 46, T2R46, T2R54 |
| UniProt: | P59540 |

## Application Details

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| Application Notes: | IHC, WB. A dilution of 1 : 1000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material. |
| Handling Advice: | Avoid freeze and thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles. |
| Expiry Date: | 12 months |

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