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Datasheet for ABIN953817 anti-OR10G2 antibody (N-Term)

Image



Overview

| Quantity: | 0.4 mL |
|----------------------|---|
| Target: | OR10G2 |
| Binding Specificity: | AA 75-103, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR10G2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide between 75-103 amino acids from the N-terminal region of Human Olfactory receptor 10G2 Genename: OR10G2 |
|---------------|--|
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes Human Olfactory receptor 10G2 (N-term). |
| Purification: | Protein A column, followed by peptide affinity purification |

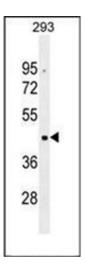
Target Details

| Target: | OR10G2 |
|-------------------|--|
| Alternative Name: | Olfactory Receptor 10G2 (OR10G2 Products) |
| Background: | Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response |

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Target Details

| | 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.Synonyms: OR10G2 |
| Molecular Weight: | 34472 Da |
| Gene ID: | 26534 |
| NCBI Accession: | NP_001005466 |
| Application Details | |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS containing 0.09 % (W/V) Sodium Azide as preservative |
| 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 freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |



Western Blotting

Image 1. Western blot analysis of OR10G2 Antibody (N-term) in 293 cell line lysates (35ug/lane). This demonstrates the OR10G2 antibody detected the OR10G2 protein (arrow).

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