

Datasheet for ABIN953832  
**anti-OR1D5 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | OR1D5   |
| Binding Specificity: | AA 251-279, C-Term                              |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This OR1D5 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | KLH conjugated synthetic peptide between 251-279 amino acids from the C-terminal region of Human Olfactory receptor 1D5 Genename: OR1D5 |
| Isotype:      | Ig Fraction   |
| Specificity:  | This antibody recognizes Human Olfactory receptor 1D5 (C-term).   |
| Purification: | Protein A column, followed by peptide affinity purification   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | OR1D5  |
| Alternative Name: | Olfactory Receptor 1D5 ( <a href="#">OR1D5 Products</a> )  |
| Background:       | Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response |

## 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: OR1D5

Molecular Weight: 35424 Da

Gene ID: 8386

NCBI Accession: [NP\\_055381](#)

## 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

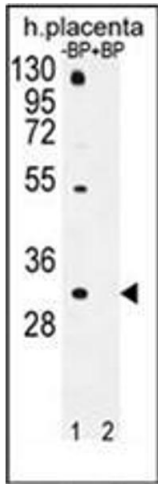
Preservative: Sodium azide

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 OR1D5 Antibody (C-term) Cat. AP53022PU-N pre-incubated without (Lane 1) and with (Lane 2) blocking peptide in human placenta tissue lysate. OR1D5 Antibody (C-term) (arrow) was detected using the purified Pab (1:60/250 dilution).