

Datasheet for ABIN1881599

**anti-OR1S2 antibody (C-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	OR1S2
Binding Specificity:	AA 221-249, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR1S2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This OR1S2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the C-terminal region of human OR1S2.
Clone:	RB40637
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	OR1S2
Alternative Name:	OR1S2 ( <a href="#">OR1S2 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.

Molecular Weight: 36579

NCBI Accession: [NP\\_001004459](#)

UniProt: [Q8NGQ3](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

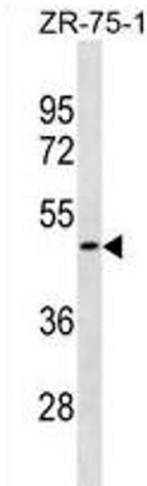
Storage: 4 °C,-20 °C

Expiry Date: 6 months

## Publications

Product cited in: Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, (2010) ([PubMed](#)).

Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in:



Western Blotting

**Image 1.** OR1S2 Antibody (C-term) (ABIN1881599 and ABIN2838716) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the OR1S2 antibody detected the OR1S2 protein (arrow).