

Datasheet for ABIN1536853  
**anti-OR52I1 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	OR52I1
Binding Specificity:	AA 212-240, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52I1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This OR52I1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-240 amino acids from the C-terminal region of human OR52I1.
Clone:	RB40205
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	OR52I1
Alternative Name:	OR52I1 ( <a href="#">OR52I1 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.

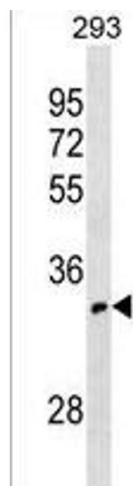
Molecular Weight:	35386
Gene ID:	390037
NCBI Accession:	<a href="#">NP_001005169</a>
UniProt:	<a href="#">Q8NGK6</a>

## 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
Storage Comment:	OR52I1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** OR52I1 Antibody (C-term) (ABIN1536853 and ABIN2838245) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the OR52I1 antibody detected the OR52I1 protein (arrow).