



[Go to Product page](#)

Datasheet for ABIN655776  
**anti-OR52I2 antibody (C-Term)**

1 Image

### Overview

Quantity:	400 µL
Target:	OR52I2
Binding Specificity:	AA 305-333, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52I2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This OR52I2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 305-333 amino acids from the C-terminal region of human OR52I2.
Clone:	RB29802
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	OR52I2
Alternative Name:	OR52I2 ( <a href="#">OR52I2 Products</a> )
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

## Target Details

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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:	38353
Gene ID:	143502
NCBI Accession:	<a href="#">NP_001005170</a>
UniProt:	<a href="#">Q8NH67</a>

## Application Details

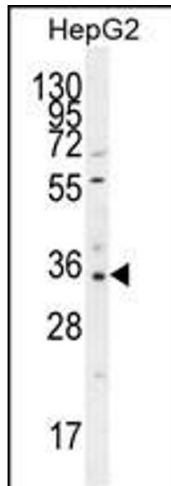
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** OR52I2 Antibody (C-term) (ABIN655776 and ABIN2845213) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the OR52I2 antibody detected the OR52I2 protein (arrow).