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Datasheet for ABIN1536931  
**anti-OR2W1 antibody (C-Term)**

1 Image

### Overview

Quantity:	400 µL
Target:	OR2W1
Binding Specificity:	AA 245-272, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2W1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This OR2W1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-272 amino acids from the C-terminal region of human OR2W1.
Clone:	RB38320
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	OR2W1
Alternative Name:	OR2W1 ( <a href="#">OR2W1 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:	36101
Gene ID:	26692
NCBI Accession:	<a href="#">NP_112165</a>
UniProt:	<a href="#">Q9Y3N9</a>

## Application Details

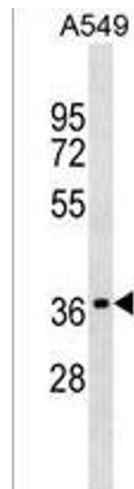
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## 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:	OR2W1 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.** OR2W1 Antibody (C-term) (ABIN1536931 and ABIN2849980) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the OR2W1 antibody detected the OR2W1 protein (arrow).