



Datasheet for ABIN1539528  
**anti-OR4X1 antibody (N-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	OR4X1
Binding Specificity:	AA 66-94, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4X1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-94 amino acids from the N-terminal region of human OR4X1.
Clone:	RB33138
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4X1
Alternative Name:	OR4X1 ( <a href="#">OR4X1 Products</a> )
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response 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

## Target Details

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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: 34222

Gene ID: 390113

NCBI Accession: [NP\\_001004726](#)

UniProt: [Q8NH49](#)

## Application Details

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Application Notes: WB: 1:1000. 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.

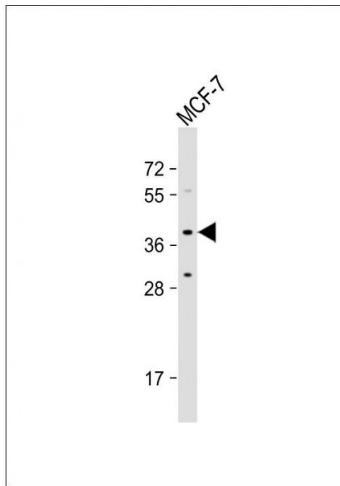
Preservative: Sodium azide

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

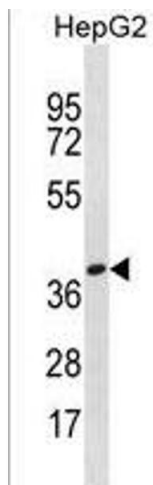
Storage Comment: OR4X1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Anti-OR4X1 Antibody (N-term) at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 2.** OR4X1 Antibody (N-term) (ABIN1539528 and ABIN2850051) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the OR4X1 antibody detected the OR4X1 protein (arrow).