



Datasheet for ABIN655382  
**anti-OR4C13 antibody (N-Term)**



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1 Image

Overview

Quantity:	400 µL
Target:	OR4C13
Binding Specificity:	AA 60-89, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4C13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4C13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-89 amino acids from the N-terminal region of human OR4C13.
Clone:	RB29577
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4C13
Alternative Name:	OR4C13 ( <a href="#">OR4C13 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.

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Molecular Weight: 34582

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Gene ID: 283092

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NCBI Accession: [NP\\_001001955](#)

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UniProt: [Q8NGP0](#)

## Application Details

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Application Notes: WB: 1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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Preservative: Sodium azide

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

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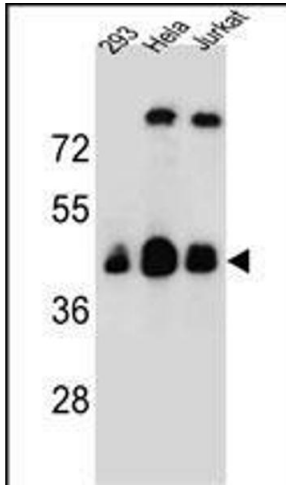
Storage: 4 °C,-20 °C

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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.

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Expiry Date: 6 months



### Western Blotting

**Image 1.** OR4C13 Antibody (N-term) (ABIN655382 and ABIN2844934) western blot analysis in 293,HeLa,Jurkat cell line lysates (35 µg/lane).This demonstrates the OR4C13 antibody detected the OR4C13 protein (arrow).