

Datasheet for ABIN953858  
**anti-OR4K13 antibody (N-Term)**



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1 Image

### Overview

Quantity:	0.4 mL
Target:	OR4K13
Binding Specificity:	AA 64-93, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4K13 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	KLH conjugated synthetic peptide between 64-93 amino acids from the N-terminal region of human Olfactory receptor 4K13 Genename: OR4K13
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 4K13 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

### Target Details

Target:	OR4K13
Alternative Name:	Olfactory Receptor 4K13 ( <a href="#">OR4K13 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. Synonyms: OR4K13, Olfactory receptor OR14-27

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Molecular Weight: 34261 Da

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Gene ID: 390433

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NCBI Accession: [NP\\_001004714](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.25 mg/mL

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Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

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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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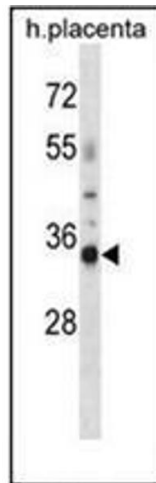
Handling Advice: Avoid repeated freezing and thawing.

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Storage: 4 °C/-20 °C

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Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Western Blotting

**Image 1.** Western blot analysis of OR4K13 Antibody (N-term) in human placenta tissue lysates (35ug/lane). This demonstrates the OR4K13 antibody detected the OR4K13 protein (arrow).