

Datasheet for ABIN953863
anti-OR4N2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	OR4N2
Binding Specificity:	AA 67-97, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4N2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 67-97 amino acids from the N-terminal region of human Olfactory receptor 4N2 Genename: OR4N2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 4N2 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR4N2
Alternative Name:	Olfactory Receptor 4N2 (OR4N2 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

Target Details

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: OR4N2, Olfactory receptor OR14-13, Olfactory receptor OR14-8

Molecular Weight: 34721 Da

Gene ID: 390429

NCBI Accession: [NP_001004723](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

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

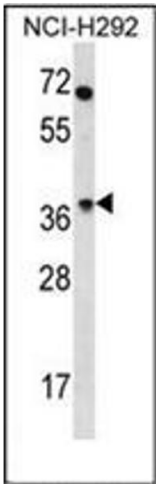
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

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 OR4N2 Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the OR4N2 antibody detected the OR4N2 protein (arrow).