

Datasheet for ABIN953922  
**anti-OR52N5 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.4 mL
Target:	OR52N5
Binding Specificity:	AA 299-324, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52N5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 299-324 amino acids from the C-terminal region of human OR52N5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human OR52N5 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	OR52N5
Alternative Name:	OR52N5 ( <a href="#">OR52N5 Products</a> )
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: Olfactory receptor 52N5

Molecular Weight: 36212 Da

Gene ID: 390075

NCBI Accession: [NP\\_001001922](#)

## 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

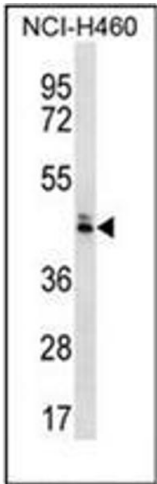
Preservative: Sodium azide

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 OR52N5 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the OR52N5 antibody detected the OR52N5 protein (arrow