

Datasheet for ABIN953899
anti-OR9K2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	OR9K2
Binding Specificity:	AA 300-330, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR9K2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 300-330 amino acids from the C-terminal region of human Olfactory receptor 9K2 Genename: OR9K2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 9K2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR9K2
Alternative Name:	Olfactory Receptor 9K2 (OR9K2 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: OR9K2, Olfactory receptor OR12-2

Molecular Weight: 37746 Da

Gene ID: 441639

NCBI Accession: [NP_001005243](#)

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

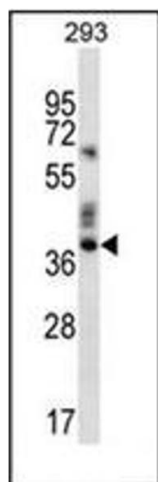
Preservative: Sodium azide

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 OR9K2 Antibody (C-term) in 293 cell line lysates (35ug/lane). This demonstrates the OR9K2 antibody detected the OR9K2 protein (arrow).