

Datasheet for ABIN953930  
**anti-OR8K3 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.4 mL
Target:	OR8K3
Binding Specificity:	AA 242-271, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR8K3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 242-271 amino acids from the C-terminal region of human OR8K3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human OR8K3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	OR8K3
Alternative Name:	OR8K3 ( <a href="#">OR8K3 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 8K3

Molecular Weight:	35463 Da
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Gene ID:	219473
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NCBI Accession:	<a href="#">NP_001005202</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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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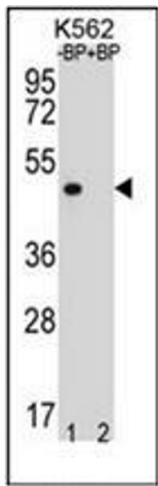
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated 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.
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Western Blotting

**Image 1.** Western blot analysis of OR8K3 Antibody (C-term) Cat.-No AP53110PU-N pre-incubated without (lane 1) and with (lane 2) blocking peptide in K562 cell line lysate. OR8K3 Antibody (C-term) (arrow) was detected using the purified Pab (1:60/250 dilution).