

Datasheet for ABIN1538759
anti-OR2K2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR2K2
Binding Specificity:	AA 2-29, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2K2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR2K2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-29 amino acids from the N-terminal region of human OR2K2.
Clone:	RB37955
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR2K2
Alternative Name:	OR2K2 (OR2K2 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.

Molecular Weight:	35045
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Gene ID:	26248
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NCBI Accession:	NP_995581
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UniProt:	Q8NGT1
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Application Details

Application Notes:	WB: 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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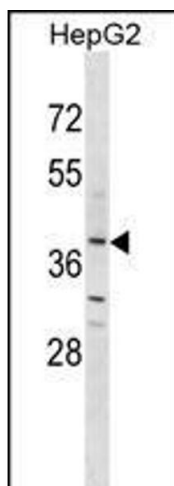
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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Storage Comment:	OR2K2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
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Expiry Date:	6 months
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Western Blotting

Image 1. OR2K2 Antibody (N-term) (ABIN1538759 and ABIN2849964) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the OR2K2 antibody detected the OR2K2 protein (arrow).