



Datasheet for ABIN656254
anti-OR4F5 antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	OR4F5
Binding Specificity:	AA 61-89, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4F5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4F5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-89 amino acids from the N-terminal region of human OR4F5.
Clone:	RB31186
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4F5
Alternative Name:	OR4F5 (OR4F5 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: 34330

Gene ID: 79501

NCBI Accession: [NP_001005484](#)

UniProt: [Q8NH21](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

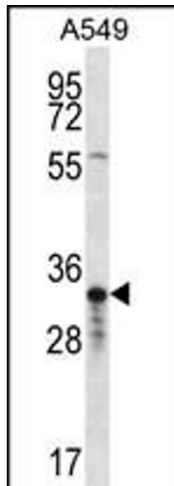
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: OR4F5 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. OR4F5 Antibody (N-term) (ABIN656254 and ABIN2845570) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the OR4F5 antibody detected the OR4F5 protein (arrow).