

Datasheet for ABIN656306
anti-OR4P4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR4P4
Binding Specificity:	AA 205-233, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4P4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4P4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-233 amino acids from the C-terminal region of human OR4P4.
Clone:	RB31264
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4P4
Alternative Name:	OR4P4 (OR4P4 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: 35795

Gene ID: 81300

NCBI Accession: [NP_001004124](#)

UniProt: [Q8NGL7](#)

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.

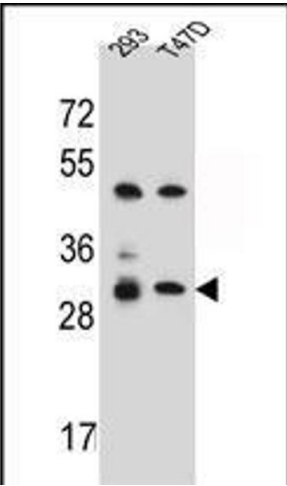
Preservative: Sodium azide

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: OR4P4 Antibody (C-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. OR4P4 Antibody (C-term) (ABIN656306 and ABIN2845609) western blot analysis in 293,T47D cell line lysates (35 µg/lane).This demonstrates the OR4P4 antibody detected the OR4P4 protein (arrow).