



Datasheet for ABIN657195
anti-OR4D6 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	OR4D6
Binding Specificity:	AA 285-312, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4D6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-312 amino acids from the C-terminal region of human OR4D6.
Clone:	RB33199
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4D6
Alternative Name:	OR4D6 (OR4D6 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response 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

Target Details

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: 35954

NCBI Accession: [NP_001004708](#)

UniProt: [Q8NGJ1](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

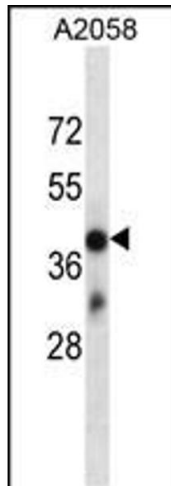
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. OR4D6 Antibody (C-term) (ABIN657195 and ABIN2846316) western blot analysis in cell line lysates (35 µg/lane). This demonstrates the OR4D6 antibody detected the OR4D6 protein (arrow).