

Datasheet for ABIN1536844
anti-OR4S2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR4S2
Binding Specificity:	AA 206-233, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4S2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4S2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-233 amino acids from the C-terminal region of human OR4S2.
Clone:	RB28918
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4S2
Alternative Name:	OR4S2 (OR4S2 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.

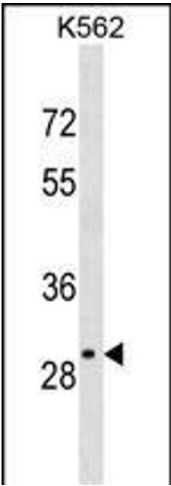
Molecular Weight:	35172
Gene ID:	219431
NCBI Accession:	NP_001004059
UniProt:	Q8NH73

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:	OR4S2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. OR4S2 Antibody (C-term) (ABIN1536844 and ABIN2849694) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the OR4S2 antibody detected the OR4S2 protein (arrow).